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# ANNUAL REPORT

OF THE

## SECRETARY OF STATE,

TO THE

GOVERNOR OF THE STATE OF OHIO,

INCLUDING THE

STATISTICAL REPORT TO THE GENERAL ASSEMBLY,

FOR THE YEAR 1872.



COLUMBUS:  
NEVINS & MYERS, STATE PRINTERS.  
1873.





## P R E F A C E .

Five thousand copies of this volume are printed; bound in cloth under a Joint Resolution of the General Assembly. The two Reports, Secretary of State's, and Commissioner of Statistics' are paged and indexed as one document. The report of the Secretary of State occupies the first 143 pages; being an exhibit of the more important transactions of the office for the current year. The Report of the Commissioner of Statistics to the General Assembly, commences on page 145. The Statistics are classified under eight General Divisions:

1. AGRICULTURE AND HORTICULTURE. (See page 148.)
2. MINERAL WEALTH. (See page 211.)
3. SOCIAL STATISTICS. (See page 223.)
4. WEALTH AND TAXATION. (See page 267.)
5. PAUPERISM AND CRIME. (See page 287.)
6. RAILROADS. (See page 334.)
7. POPULATION. (See page 339.)
8. MANUFACTURE. (See page 374.)

Prof. Orton (see page 204.) contributes a highly interesting article on the Water Supply of Southwestern Ohio, which will attract very general attention.

I print four maps (see index), one illustrating the Wealth of the Country, one the Wheat, and one the Corn crop of the State; and a Map of the new Congressional Districts. I am also enabled, through the courtesy of Hon. A. M. Clapp, Congressional Printer, to give (see page 145) a view of the coming experiment, the "Ohio Agricultural and Mechanical College."

A glance at the alphabetically prepared index will give a more definite idea of the scope and contents of this volume.

I. R. SHERWOOD.

COLUMBUS, Jan. 18th, 1873.



# REPORT OF THE SECRETARY OF STATE.

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OFFICE OF SECRETARY OF STATE,  
COLUMBUS, O., Dec. 10, 1872.

*To His Excellency* EDWARD F. NOYES, *Governor of Ohio* :

I have the honor to submit my fourth and last Annual Report as Secretary of State, for the year ending with November 15th, 1872. The report is delayed in order to tabulate the vote for Presidential Electors. By the inscrutable provisions of a law passed May 1, 1864, the Secretary of State is not allowed to open the returns for Presidential Electors until the twelfth day after the election.

## CITIES AND INCORPORATED VILLAGES.

Papers were filed in this office during the year, legalizing the annexation of territory to six cities, viz: Zanesville, Sandusky, Akron, Steubenville, Chillicothe and Cleveland. Territory was also annexed to fourteen villages, and thirteen new villages were incorporated.

## OHIO AND OHIO STATE REPORTS.

On July 20th, 1872, a contract was made with Robert Clarke & Co., of Cincinnati, in accordance with an act of the General Assembly, passed April 23d, 1872, to print the Ohio and the Ohio State Reports. The contract was made under section 13 of this act, to print three hundred and fifty copies each of volumes one to sixteen, inclusive, and volume 20 of the Ohio Reports, at \$2.50 per copy. Said contract also covers the printing and binding of volume 22, and the succeeding volumes of "Ohio State Reports" that may be ready for publication by the 20th of June, 1874. Said contractors stipulate to furnish the State three hundred and fifty copies of each volume at a price not to exceed \$2.50 per volume, and to furnish, without further compensation, one hundred and sixty-five copies of advance sheets of each volume. Four volumes of the "Ohio Reports" have already been delivered under the contract. Banks Bros., book publishers of New York city, claim to own the copyright of volume 20, Ohio Reports, and the exclusive right to print the same. They have served notice upon Robert Clarke & Co. and this office, that they will avail themselves of the protection of the United States laws in case the Cincinnati firm undertakes to print said volume. Having made the contract under the law, and taken ample bond, my mission as an executive officer is ended.

## FEES AND PERQUISITES.

The fees and perquisites of this office, very considerable, during and immediately following the war, on account of certificates to soldiers claims, are now confined principally to certificates of incorporation. On the business of the past two years, they will amount yearly to about seven hundred dollars. For the past fifteen years, as near as I can ascertain, these fees have been recognized as a part of the income of the Secretary of State. During the pendency of the Appropriation Bill for 1870, a clause was inserted in the Senate requiring the Secretary of State to certify all fees received by law into the State Treasury. This clause, after an exhaustive discussion in both Houses of its economic features, was retained in the General Appropriation Bill which became a law April 16, 1870. The fees received in this office by law amount to less than one-twelfth of the aggregate fees of the office, and the amount actually saved by this master stroke of economy foots up the stately total of \$43.25; but during the existence of the Appropriation Act of 1870, and twelve days after, I certified all fees received in this office, from all sources, whether by law or courtesy, into the State Treasury. The total amount of fees received in this office, from April 16, 1870, to April 28, 1871, was \$640.25, for which I hold as precious souvenirs, the receipts of the Treasurer of State. Since the expiration of the Appropriation Act of 1870, all fees received by law have been applied to the payment of clerk hire as per acts of February 26, 1846, and February 10, 1857; a detailed statement, to whom paid and for what services, will be found in this office. The fees by custom I have retained. I desire to call the attention of the General Assembly to this fact, and to say that I have instructed my successor in office to return these fees (a detailed account having been kept), to the persons from whom received; or, if so directed to certify an equal amount into the State Treasury, if in the opinion of the General Assembly \$2,000 per year is all the compensation the Secretary of State is entitled to receive.

## COMPANIES INCORPORATED.

There has been a large increase of business during the year in the line of corporate companies. Charters have been issued to four hundred and nine new companies, with an aggregate capital stock of \$138,206,960. I herewith append a detailed statement showing the number and kind of companies and the capital stock of each; also an exhibit of the business in increasing and reducing capital stock.



CERTIFICATES FILED.	No.	Capital stock.
To incorporate Manufacturing Companies.....	134	\$17,554,500
“ Railroad Companies.....	62	69,400,000
“ Mining Companies.....	57	23,880,000
“ Building and Loan Associations.....	55	18,166,000
Amended certificates of Building and Loan Associations.....	10	.....
To incorporate Street Railroad Companies.....	14	1,430,000
“ Turnpike Companies.....	6	127,960
Supplementary certificates of same.....	1	.....
To incorporate Printing and Publishing Companies.....	12	420,000
“ Insurance Companies.....	3	500,000
Miscellaneous incorporations.....	55	6,728,500
Total capital.....	.....	138,206,960
TO INCREASE CAPITAL STOCK.		
Manufacturing Companies.....	12	2,564,000
Railroad Companies.....	3	870,000
Insurance Companies.....	3	400,000
Mining Companies.....	2	2,030,000
Total increase of capital.....	.....	5,864,000
Total amount of capital, including increase.....	.....	144,070,960
Reduction of capital stock.....	4	1,620,000
Total amount of capital, less the reduction.....	.....	\$142,450,960
Consolidation of Railroads.....	9	.....
Supplementary certificates of Railroads.....	6	.....
Change of time of annual meeting.....	7	.....
Change of name of corporations.....	1	.....
Total number of certificates filed in the year ending Nov. 15, 1872..	456	.....
Number filed in the year ending Nov. 15, 1871.....	386	.....
Increase of 1872 over 1871.....	70	.....

In the body of this report will be found a classified list of all companies organized during the year, with the capital stock of each.

#### CONTRACTS FOR PAPER AND FUEL.

By a clause in the general appropriation bill of April 27th, 1872, the fuel contracts are placed in charge of the Comptroller of the Treasury.

Contracts to furnish the State with paper for one year were let on the 2d of September as follows :

To Cleveland Paper Company, thirty-five hundred reams of double super royal printing paper, at \$9.23 per ream.

Two hundred reams double flat cap, at \$5.69 per ream.

Fifty reams of brochure cover paper, at \$6.43 per ream.

#### CONTRACTS FOR STATE PRINTING.

The contracts for State printing for two years were let on the 25th of July as follows :

To Nevins & Myers, of Columbus, for printing in English—Bills and Resolutions, 66½ cents per thousand ems for composition, and 52 cents per token for press work.

Legislative Journals, &c., 68 cents per thousand ems for composition, and 58 cents per token for press work.

Reports of State officers, &c., 67 cents per thousand ems for composition, and 58 cents per token for press work.

Laws and Joint Resolutions, 62 cents per thousand ems for composition, and 58 cents per token for press work.

Blanks, Circulars, &c., 60 cents per thousand ems for composition, and 25 cents per quire for press work.

The contract for printing in German was let to Lewis Heinmiller, at 40 cents per thousand ems for composition, 30 cents per token for press work, and 59 cents per thousand words for translating.

#### RECOMMENDATIONS.

The law regulating the contracts for State paper should be amended. Proposals are now based on samples furnished by the bidders. The law should authorize bids to be made on samples furnished by the Secretary of State. Under our present system the Secretary is compelled to examine from forty to sixty grades of paper, and it is often exceedingly difficult, even for an expert, to decide, quality and price considered, which is the lowest bid.

In all my previous reports I have urged a general revision and codification of the laws regulating the incorporation of corporate companies. Further experience confirms the opinion that this labor ought not to be postponed. I find by examination that at the close of the session of the General Assembly of 1868 there were one hundred and ninety-eight general laws on our statute books regulating corporate companies. There are now about two hundred and twenty. Many of these laws are indefinite in their scope, and many are in conflict. The Attorney General has instructed this office that no charter should be issued on a certificate of incorporation that does not in all respects conform to the law under which the company proposes to act. This ruling is bringing this department into constant conflict with lawyers, asking for charters, as to the construction, meaning and scope of these incorporation laws.

Our laws regulating the increase of capital stock and consolidation of railroad companies are notoriously loose. The act of March 11th, 1853, (S. & C., page 323,) allows a railroad company for certain purposes to increase its capital stock fifty per cent., issue bonds, convertible or otherwise, without making any record of its proceedings in any of the State Departments, or any other record accessible to the public. The act of April 9th, 1863, (S. & S., page 123,) allows a railroad company to increase its capital stock without limit, with no provision for any record of proceedings. This law is amended by an act passed April 12th, 1870, (Ohio

Laws 1870, page 44,) but no provision is made in the amended act for any record of the proceedings.

By the act of May 1st, 1862, (S. & C., page 276,) railroad companies increasing their capital stock are required, through their directors, to file a certificate of said increase with the Auditor of State, but the Auditor is not authorized to make a record of the proceedings.

By the acts of April 15th, 1857, (S. & C., page 325,) and of April 11th, 1858, (S. & C., page 326,) railroad companies are required to file certificates of increase of capital stock with the Secretary of State, but no provision is made in either of the two acts named for any record. It is the practice of this office, however, to record such certificates.

This office is the custodian of railroad charters, and it is clear that all certificates of the increase of capital stock of railroad companies should be filed here, and a record kept of the same.

Several railroad companies in this State have increased their capital stock without any record of the proceedings which is accessible to the public. All other joint stock companies in this State are required to make a record of all proceedings looking to this end, and the rights of minor stockholders are carefully guarded; but our entire legislation on railroad corporations is not only loose, but vicious. The system cannot be revised too soon.

There is no law on our statute books defining the duty of the Secretary of State in railroad consolidation cases. It is held by profound lawyers that it is the duty of the Secretary to file and record all railroad consolidation contracts, without investigating the question whether the proceedings have in all the details conformed to the law. It is held that the Secretary of State is a purely executive officer, and that the legality of the proceedings is a question not for the Secretary of State, but the courts. The Attorney General, on the contrary, holds that it is the duty of the Secretary to file only such papers as comply with the law. This imposes a very delicate and highly responsible trust upon the Secretary of State. Since my connection with this office single railroad consolidation contracts have been filed involving fifty millions capital stock.

There is no law in this State authorizing the increase of capital stock of a publishing company. Corporations for mining and publishing are both provided for under the same act—that of April 8, 1856. A subsequent act authorizes the increase of capital stock of a mining company, but not of publishing companies.

There is no law authorizing the increase of capital stock of turnpike companies.

There is no law authorizing the increase of capital stock of building and loan associations organized under the act of May 5, 1868.

The Attorney General holds that the increase of capital stock of a company is not a corporate power, but a legal privilege, to be exercised only by authority of the statute. Hence the necessity for legislation in the above enumerated cases.

The law for incorporating elevator companies, passed March 29, 1867, prohibits such companies from buying or selling grain, either on their own account or for others. There is nothing, however, to prevent an elevator company or any other company from organizing under the act of February 25, 1869, (O. L., page 14) which allows corporations to buy and sell all natural and artificial products. Under this act a company could be organized to run a millinery shop, a music store and a charcoal furnace, under one charter.

The bulk of the manufacturing business in the State is organizing in joint stock companies, and it is vitally important that our present system of laws be thoroughly revised. It would be better to pass one general incorporation law, which should embrace all the leading industrial interests of the State.

The existing law regulating the polling, return, and canvass of the vote for Presidential electors is not only very expensive, but entirely too dilatory for this period. It was passed in 1820, before the advent of railroads, when our mail facilities were incomplete, and when the population of our State was less than six hundred thousand. This law enjoins upon county sheriffs the duty of bringing the vote to this office as returned by the judges of election of the respective townships and wards. At a time when the United States mails were carried by boys on horseback, who were often chased into the settlements by the wolves, it was doubtless proper to entrust the electoral vote to the sheriffs; but that day has passed, and there is no good reason why the electoral vote should not be consolidated at the county clerk's office of each county, and returned to this department through the mails. The State pays this year for mileage to sheriffs nearly three thousand dollars. The same returns could have been transmitted through the mails as safely and more rapidly for less than three thousand cents.

The law requires the returns to be canvassed by the Secretary of State on the twelfth day after the election; this twelfth day always comes on Sunday. The law should allow the vote to be canvassed as soon as the returns are complete.

By correspondence with the Secretaries of New York, Pennsylvania, and other States, I learn the polling, return, and canvass of the vote for Presidential electors in those States is substantially the same as for State and county officers; and both common sense and economy dictate a similar law for Ohio.



If the Department of Statistics is to be retained in this office, appropriation should be made for another clerk. The business of the office is rapidly accumulating, and the services of an additional clerk are demanded.

I urgently renew my recommend of last year for an increase of salary for the Secretary of State. I have no ambition to ever again encumber this office and have no interest in its future, except as a private citizen, but knowing the labor and responsibilities of the position, I feel that it is due to the office that the General Assembly make the salary at least respectable.

With highest regards, I am, Governor,

Your obedient servant,

ISAAC R. SHERWOOD,

*Secretary of State.*

## STATE OFFICERS FOR 1872-73.

Office.	Name.	Residence.	Remarks.
Governor .....	Edward F. Noyes ...	Cincinnati.....	Term expires Jan., 1874
Lieutenant Governor ....	Jacob Mueller .....	Cleveland .....	do ..... 1874
Secretary of State.....	Allen T. Wikoff.....	Stouts .....	do ..... 1875
Auditor of State .....	James Williams.....	Columbus .....	do ..... 1876
Treasurer of State.....	Isaac Welsh .....	Armstrong's Mills .....	do ..... 1874
Comptroller of Treasury.	William T. Wilson *.	Ravenna.....	do ..... 1874
Attorney General.....	Francis B. Pond ....	McConnellsville..	do ..... 1874
Commissioner of Schools.	Thomas W. Harvey ..	Painesville .....	do ..... 1875
Clerk of Supreme Court..	Rodney Foos .....	Wilmington .....	do ..... 1875
Board of Public Works }	Philip V. Herzing...	St. Mary's .....	do ..... 1874
	Richard R. Porter †..	Canal Fulton ....	do ..... 1873
	Stephen R. Hosmer ..	Zanesville .....	do ..... 1875

\* Ex-officio Superintendent of State House.

† Re-elected for three years from February 15, 1873.

## ROSTER OF CIVIL AND MILITARY STAFF OF GOVERNOR EDWARD F. NOYES

Name.	Office with Rank.	Residence.	County.	When term expires.
MILITARY STAFF.				
William A. Knapp.	Adjutant General, with rank of Brigadier General.....	Massillon..	Stark.....	Jan'y, 1874.
* Samuel D. Turney	Surgeon General, with rank of Brigadier General.....	Circleville.	Pickaway.	"
* Daniel Webber..	Quartermaster General, with rank of Brigadier General.....	Cincinnati.	Hamilton.	"
Josiah A. Scarritt..	Assistant Adjutant General, with rank of Colonel.....	Columbus.	Franklin.	"
* Andrew J. White.	Aid-de-Camp .....	Cincinnati.	Hamilton.	"
* James P. Simpson	" .....	Greenfield.	Highland.	"
CIVIL STAFF.				
John B. Neil .....	Private Secretary .....	Columbus..	Franklin.	Jan'y, 1874.
Henry C. Morton.	Executive Clerk .....	"	"	"

\* Honorary—without duty or pay in time of peace.

## OFFICERS BY APPOINTMENT.

Office.	Name.	Remarks.
Commissioner of Railroads and Telegraphs.	O. L. Wolcott.....	Term expires 1874
Superintendent of Insurance.....	W. F. Church.....	" 1875
Supervisor of Public Printing.....	Lewis L. Rice.....	" 1873
Secretary State Board of Agriculture.....	John H. Klippart .....	Permanent.
Gas Commissioner .....	Theodore G. Wormley .....	Term expires 1873
State Librarian.....	S. G. Harbaugh .....	" 1874
Law Librarian .....	James H. Bebee.....	Permanent.
Chief Clerk Secretary of State's office ..	J. C. Donaldson.....	Term expires 1875
Chief Clerk Auditor of State's office.....	H. S. Babbitt .....	" 1876
Clerk office Commissioner of Railroads and Telegraphs.....	C. T. Flowers .....	" 1874
Cashier Treasurer's office.....	William A. Hershiser.....	" 1874
Chief Clerk Comptroller's office.....	J. W. Horton .....	" 1874
Clerk Board Fund Commissioners.....	F. A. Marble.....	" 1873
Secretary Board of Public Works.....	A. B. Newburg.....	" 1873
Chief Clerk School Commissioner's office.	J. W. Tibbits .....	" 1874
Chief Clerk Insurance Department.....	William Ewing .....	" 1873
Record Clerk Secretary of State's office..	Lanson Curtis.....	" 1875
Statistical Clerk Secretary of State's office.	C. N. Hall.....	" 1875

MEMBERS OF THE FORTY-SECOND CONGRESS FROM OHIO.

SENATORS.

Names.	Post-office Address.
John Sherman .....	Mansfield.
Allen G. Thurman .....	Columbus.

REPRESENTATIVES.

Districts.	Names.	Post-office Address.
1.....	*Ozro J. Dodds .....	Cincinnati.
2.....	Job E. Stevenson .....	Cincinnati.
3.....	Lewis D. Campbell .....	Hamilton.
4.....	J. F. McKinney.....	Piqua.
5.....	Charles N. Lamison .....	Lima.
6.....	John A. Smith.....	Hillsboro.
7.....	Samuel Shellabarger.....	Springfield.
8.....	John Beatty.....	Cardington.
9.....	Charles Foster.....	Fostoria.
10.....	E. D. Peck .....	Perrysburg.
11.....	John T. Wilson .....	Tranquility.
12.....	P. Van Trump .....	Lancaster.
13.....	George W. Morgan .....	Mt. Vernon.
14.....	James Monroe.....	Oberlin.
15.....	W. P. Sprague .....	McConnelsville.
16.....	John A. Bingham .....	Cadiz.
17.....	Jacob A. Amber .....	Salem.
18.....	Wm. H. Upson .....	Akron.
19.....	James A. Garfield.....	Hiram.

\* Vice Aaron F. Perry, resigned.

## MEMBERS OF THE FORTY-THIRD CONGRESS FROM OHIO.

## SENATORS.

Names.	Post-office Address.
John Sherman .....	Mansfield.
Allen G. Thurman .....	Columbus.

## REPRESENTATIVES.

Districts.	Names.	Post-office Address.
1.....	Milton Saylor .....	Cincinnati.
2.....	Henry B. Banning.....	Cincinnati.
3.....	John Q. Smith.....	Oakland.
4.....	Lewis B. Guckel .....	Dayton.
5.....	* Charles N. Lamison .....	Lima.
6.....	Isaac R. Sherwood.....	Bryan.
7.....	Lawrence T. Neal .....	Chillicothe.
8.....	† William Lawrence.....	Bellefontaine.
9.....	James W. Robinson .....	Marysville.
10.....	* Charles Foster .....	Fostoria.
11.....	‡ Hezekiah S. Bundy .....	Reed's Mills.
12.....	Hugh J. Jewett.....	Columbus.
13.....	Milton I. Southard .....	Zanesville.
14.....	John Berry .....	Upper Sandusky.
15.....	* William P. Sprague.....	McConnelsville.
16.....	Lorenzo Danford .....	St. Clairsville.
17.....	Laurin D. Woodworth.....	Youngstown.
18.....	* James Monroe .....	Oberlin.
19.....	§ James A. Garfield .....	Hiram.
20.....	Richard C. Parsons.....	Cleveland.

\* Member of 42d Congress.

† Member of 39th, 40th and 41st Congresses.

‡ Member of 39th Congress.

§ Member of 38th, 39th, 40th, 41st and 42d Congresses.



GENERAL ASSEMBLY OF OHIO—1872-3.

SENATE.

Names.	District.	Counties.	Post Office.
Amos, James O.....	19	Guernsey, Monroe, and part of Noble	Woodsfield.
Beach, William M.....	11	Clarke, Champaign and Madison...	London.
Beavis, Benjamin R.....	25	Cuyahoga .....	Cleveland.
Bell, James A.....	27 & 29	Medina and Lorain, and Ashland and Richland .....	Guilford.
Boesel, Charles.....	32	Auglaize, Allen, Mercer, Van Wert, Defiance, Paulding and Williams..	New Bremen.
Brinsmade, Allan T....	25	Cuyahoga .....	Cleveland.
Casement, John S.....	24	Ashtabula, Lake and Geauga.....	Painesville.
Daugherty, Michael A..	9	Fairfield, Athens and Hocking.....	Lancaster.
Gage, Hanks P.....	33	Hancock, Wood, Lucas, Fulton, Henry and Putnam.....	Findlay.
Gardner, Isaac S.....	13	Logan, Union, Marion and Hardin..	Bellefontaine.
Hardesty, Philip W....	32	Auglaize, Allen, Mercer, Van Wert, Defiance, Paulding and Williams..	Paulding Centre.
Hart, Alphonso.....	26	Portage and Summit.....	Ravenna.
Holden, William H.....	15	Muskingum and Perry .....	Zanesville.
Howard, Dresden W. H.	33	Hancock, Wood, Lucas, Fulton, Henry and Putnam .....	Winameg.
Jenner, Alexander E...	31	Crawford, Seneca and Wyandot....	Crestline.
Jones, John B.....	16	Delaware and Licking .....	Newark.
Jones, Lucian C.....	23	Trumbull and Mahoning.....	Warren.
Knox, Samuel .....	20	Harrison and Belmont .....	Cadiz.
Leeds, Learner B.....	4	Clermont and Brown .....	Georgetown.
McDowell, Henry D....	17 & 28	Knox and Morrow, Holmes and Wayne .....	Millersburg.
Morris, John W.....	12	Miami, Darke and Shelby.....	Troy.
Murphy, Peter.....	2	Butler and Warren .....	Hamilton.
Nash, William .....	8	Lawrence, Gallia, Meigs and Vinton	Gallipolis.
Newman, James W....	7	Pike, Adams, Scioto and Jackson...	Portsmouth.
Parker, Welcome O....	30	Huron, Erie, Sandusky and Ottawa	Norwalk.
Patrick, Abraham W...	18	Coshocton and Tuscarawas.....	New Philadelphia.
Putnam, John H.....	6	Ross and Highland .....	Chillicothe.
Sayler, James.....	3	Montgomery and Preble .....	Gratis.
Schiff, John .....	1	Hamilton .....	Cincinnati.
Smith, John Q.....	5	Greene, Clinton and Fayette .....	Oakland.
Stimson, Rodney M....	14	Washington, Morgan, and part of Noble .....	Marietta.
Thompson, John G....	10	Franklin and Pickaway .....	Columbus.
Updegraff, Jonathan T.	22	Jefferson and Columbiana.....	Mount Pleasant.
Wales, Arvine C.....	21	Carroll and Stark.....	Massillon.
Wright, Joseph F.....	1	Hamilton .....	Cincinnati.
Young, Thomas L.....	1	Hamilton .....	Cincinnati.

*General Assembly of Ohio—Continued.*

## REPRESENTATIVES.

Names.	Counties.	Post Office.
Adair, William .....	Carroll .....	Leesville.
Armstrong, Abraham.....	Guernsey .....	Washington.
Armstrong, Thomas H.....	Belmont .....	Powhattan.
Austill, Isaac .....	Pike .....	Piketon.
Babcock, Charles H .....	Cuyahoga .....	Brooklyn.
*Baker, George S.....	Fairfield .....	Stontsville.
Ball, Wm. M.....	Maskingum .....	Zanesville.
Bay, Thomas M .....	Vinton .....	Reed's Mills.
Bell, William, Jr .....	Licking.....	Newark.
Berkstresser, Henry.....	Lawrence .....	Quaker Bottom.
Berry, S. B .....	Butler .....	Lesourdsville.
Blackburn, Brisbin C .....	Coshocton .....	Rosecoe.
Blakeslee, Schnyler E.....	Williams .....	Bryan.
Bowman, Samuel C .....	Stark .....	Massillon.
Bradbury, Joseph .....	Gallia.....	Gallipolis.
†Brashears, Herman F.....	Hamilton .....	Cincinnati.
Breckenridge, Henry C.....	Huron .....	Plymouth.
Brown, Albert H.....	Morrow .....	Bloomfield.
Brunswick, John M.....	Hamilton .....	Cincinnati.
Burnham, Sanford M.....	Summit .....	Akron.
Callen, Daniel J.....	Mercer .....	Celina.
Case, Oakley .....	Hocking .....	Logan.
Chase, James E.....	Ashland .....	Polk.
Chapman, Henry M.....	Cuyahoga .....	Nottingham.
Clyde, George C.....	Miami .....	Troy.
Cochran, John M.....	Hamilton .....	Glendale.
Colby, Levi .....	Defiance and Paulding .....	Cecil.
Conrad, Joseph R.....	Portage.....	Atwater.
Cooper, William C.....	Knox .....	Mt. Vernon.
Corcoran, Thomas A.....	Hamilton .....	Cincinnati.
Counts, Jonathan .....	Shelby .....	Pratt.
Cunningham, David .....	Harrison .....	Cadiz.
Curtiss, Harvey W.....	Cuyahoga .....	Chagrin Falls.
Ellis, Elias .....	Muskingum .....	Zanesville.
Ellis, Jesse.....	Adams.....	Aberdeen.
Ely, Heman .....	Lorain .....	Elyria.
Fallis, John T.....	Hamilton .....	Cincinnati.
Ferguson, Ira.....	Clermont .....	New Richmond.
Ford, George H.....	Geauga .....	Burton.
Ford, Samuel H.....	Jefferson .....	Richmond.
†Gowey, J. Frank .....	Champaign .....	Woodstock.
Green, Lewis .....	Perry .....	New Lexington.
Haag, John M.....	Henry .....	Napoleon.
Haldeman, Thomas J.....	Hamilton .....	Cincinnati.
Hill, Robert .....	Marion .....	Marion.
Howland, W. P.....	Ashtabula .....	Jefferson.
Johnson, Ellis N.....	Stark .....	Alliance.
Kahn, Barnhard .....	Jackson .....	Jackson C. H.
Kile, A. C.....	Richland .....	Butler.
Kirtland, Cook F.....	Mahoning .....	Poland.
Kisor, John .....	Wyandot.....	Nevada.
Leland, N. C.....	Ottawa .....	Elmore.
Little, John.....	Greene .....	Xenia.
Malone, John C.....	Scioto .....	Wheelerburg.
Mann, Arza .....	Fulton .....	Lyons.
Marx, Guido .....	Lucas .....	Toledo.
McCoy, Milton.....	Ross .....	Chillicothe.
McFarland, William C.....	Cuyahoga .....	Cleveland.
Miller, Joseph.....	Preble .....	New Paris.
Milligan, William .....	Monroe .....	Graysville.

*General Assembly of Ohio—Continued.*

REPRESENTATIVES—Continued.

Names.	Counties.	Post Office.
Miltenberger, Thomas.....	Logan .....	Bellefontaine.
Moore, J. J .....	Putnam .....	Ottawa.
Mott, Samuel R. Jr.....	Auglaize .....	Wapakoneta.
Munson, Albert.....	Medina .....	River Styx.
Neff, Benjamin .....	Clarke.....	New Carlisle.
Nokes, George .....	Cuyahoga .....	Berea.
Norris, John.....	Wood .....	Fostoria.
Oesterlen, Charles .....	Hancock.....	Findlay.
†Oliver, Melancthon W.....	Hamilton .....	Cincinnati.
Oren, Jesse N.....	Clinton .....	Wilmington.
Peckinpauqh, Thomas W.....	Wayne .....	West Salem.
Pillars, Isaiah .....	Allen .....	Lima.
Powell, Eugene .....	Delaware .....	Delaware.
Richmond, David C.....	Erie .....	Sandusky.
Ross, William L .....	Franklin .....	Columbus.
Schoenfeldt, Henry .....	Montgomery .....	Miamisburg.
Scott, James.....	Warren .....	Lebanon.
Seitz, John .....	Seneca.....	Tiffin.
Shank, John A.....	Hamilton .....	Cincinnati.
Smith, Andrew .....	Sandusky .....	York Station.
Smith, Garrett B .....	Tuscarawas .....	Newcomertown.
Smith, J. McLean.....	Montgomery .....	Dayton.
Spriggs, B. F .....	Noble .....	Sarahsville.
Stanton, Richard .....	Morgan .....	McConnellsville.
Steele, George W .....	Lake .....	Painesville.
Sterling, A. James .....	Union .....	Marysville.
Stilwell, Wellington .....	Holmes .....	Millersburg.
Stiles, Thomas D.....	Darke .....	Fort Jefferson.
Taft, Charles P .....	Hamilton .....	Cincinnati.
Thompson, Josiah.....	Columbiana .....	East Liverpool.
Thompson, Russell C.....	Lucas .....	Sylvania.
Titus, Samuel N .....	Meigs .....	Rutland.
Van Cleaf, Aaron R.....	Pickaway.....	Circleville.
Van Vorhes, Nelson H.....	Athens .....	Athens.
Waddle, Benjamin .....	Hardin .....	Kenton.
Waldron, John C.....	Brown.....	Aberdeen.
Way, William G .....	Washington .....	Marietta.
Weible, Henry.....	Van Wert.....	Delphos.
White, Clark .....	Franklin .....	Columbus.
White, Thomas Jr .....	Crawford .....	Bucyrus.
Wickerham, Peter W .....	Highland .....	Hillsboro.
Wing, Joseph K .....	Trumbull .....	North Bloomfield.
Williams, Marshall J.....	Fayette.....	Washington C. H.
Wilson, George W .....	Madison .....	London.
Wilson, John M.....	Hamilton .....	Cincinnati.

\*Vice Jesse Leohner, deceased.

† Vice Robert O. Strong, resigned.

‡ Vice Robert Creighton, resigned.

§Vice Robert C. Fulton, resigned.

## PROBATE JUDGES.

Counties.	Names.	County Towns.
Adams .....	James L. Coryell .....	West Union.
Allen .....	Luther M. Meily .....	Lima.
Ashland .....	Daniel W. Whitmore .....	Ashland.
Ashtabula .....	E. J. Betts .....	Jefferson.
Athens .....	Leonidas Jewett .....	Athens.
Auglaize .....	Levi Hamaker .....	Wapakoneta.
Belmont .....	Chandler W. Carroll .....	St. Clairsville.
Brown .....	Samuel H. Stevenson .....	Georgetown.
Butler .....	William R. Cochran .....	Hamilton.
Carroll .....	William McCoy .....	Carrollton.
Champaign .....	Alexander F. Vance .....	Urbana.
Clark .....	E. C. Dial .....	Springfield.
Clermont .....	James S. Brunaugh .....	Batavia.
Clinton .....	John Mathews .....	Wilmington.
Columbiana .....	Simon Wisden .....	New Lisbon.
Coshocton .....	Joseph Burns .....	Coshocton.
Crawford .....	Robert Lee .....	Bucyrus.
Cuyahoga .....	Daniel R. Tilden .....	Cleveland.
Darke .....	James T. Meeker .....	Greenville.
Defiance .....	Jacob J. Greene .....	Defiance.
Delaware .....	Benjamin C. Waters .....	Delaware.
Erie .....	Elisha M. Colver .....	Sandusky City.
Fairfield .....	William L. Rigby .....	Lancaster.
Fayette .....	John B. Priddy .....	Washington.
Franklin .....	John M. Pugh .....	Columbus.
Fulton .....	Caleb M. Keith .....	Wauscon.
Gallia .....	Henry A. Kent .....	Gallipolis.
Geauga .....	Henry K. Smith .....	Chardon.
Greene .....	James W. Harper .....	Xenia.
Guernsey .....	William S. Dougherty .....	Cambridge.
Hamilton .....	William Tilden .....	Cincinnati.
Hancock .....	Samuel B. Huffman .....	Findlay.
Hardin .....	Solomon Kraner .....	Kenton.
Harrison .....	Amon Lemmon .....	Cadiz.
Henry .....	James G. Haley .....	Napoleon.
Highland .....	James C. Norton .....	Hillsborough.
Hocking .....	William T. Acker .....	Logan.
Holmes .....	Thomas Armor .....	Millersburg.
Huron .....	Daniel H. Fox .....	Norwalk.
Jackson .....	John J. C. Evans .....	Jackson.
Jefferson .....	Robert Martin .....	Steubenville.
Knox .....	Chas. E. Critchfield .....	Mt. Vernon.
Lake .....	Grandison N. Tuttle .....	Painesville.
Lawrence .....	Peras R. Polly .....	Ironton.
Licking .....	Waldo Taylor .....	Newark.
Logan .....	Samuel B. Taylor .....	Bellefontaine.
Lorain .....	Leartes B. Smith .....	Elyria.
Lucas .....	David R. Austin .....	Toledo.
Madison .....	John H. Kennedy .....	London.
Mahoning .....	Martin V. B. King .....	Canfield.
Marion .....	Robert Hopkins .....	Marion.
Medina .....	Charles G. Coddling .....	Medina.
Meigs .....	P. B. Stanbery .....	Pomeroy.
Mercer .....	William Clay .....	Celina.
Miami .....	Arthur L. McKinney .....	Troy.
Monroe .....	James R. Morris .....	Woodsfield.
Montgomery .....	Dennis Dwyer .....	Dayton.
Morgan .....	David C. Pinkerton .....	McConnelsville.
Morrow .....	Asa A. Gardner .....	Mt. Gilead.
Muskingum .....	Reuben H. Morgan .....	Zanesville.
Noble .....	Jonathan Dilley .....	Caldwell.
Ottawa .....	David Mozner .....	Port Clinton.

PROBATE JUDGES—Continued.

Counties.	Names.	Post Office.
Paulding .....	David C. Carey .....	Paulding.
Perry .....	James E. Finch .....	New Lexington.
Pickaway .....	James Taylor .....	Circleville.
Pike .....	Edward R. Allen .....	Waverly.
Portage .....	Gideon Seymour .....	Ravenna.
Preble .....	J. W. King .....	Eaton.
Putnam .....	John H. Gordon .....	Ottawa.
Richland .....	Henry D. Keith .....	Mansfield.
Ross .....	Thomas Walke .....	Chillicothe.
Sandusky .....	F. Willmer .....	Fremont.
Scioto .....	Robert A. Calvert .....	Portsmouth.
Seneca .....	Upton F. Cramer .....	Tiffin.
Shelby .....	John G. Stephenson .....	Sidney.
Stark .....	A. W. Heldenbrand .....	Canton.
Summit .....	Ulysses L. Marvin .....	Akron.
Trumbull .....	Albert Yeomans .....	Warren.
Tuscarawas .....	William B. Brown .....	N. Philadelphia.
Union .....	John B. Coats .....	Marysville.
Van Wert .....	Alonzo W. Baker .....	Van Wert.
Vinton .....	Herman B. Mayo .....	McArthur.
Warren .....	John W. Keys .....	Lebanon.
Washington .....	A. W. McCormick .....	Marietta.
Wayne .....	Joseph Downing .....	Wooster.
Williams .....	John W. Leidigh .....	Bryan.
Wood .....	George C. Phelps .....	Bowling Green.
Wyandot .....	Peter B. Beidler .....	Upper Sandusky.



## CLERKS OF COURTS.

Counties.	Names.	Post Office.
Adams .....	Joseph W. Shiun .....	West Union.
Allen .....	Robert Mehaffey .....	Lima.
Ashland .....	William C. Frazee .....	Ashland.
Ashtabula .....	Asa Lamb .....	Jefferson.
Athens .....	George W. Baker .....	Athens.
Auglaize .....	Charles P. Davis .....	Wapakoneta.
Belmont .....	Joseph R. Mitchell .....	St. Clairsville.
Brown .....	Robert H. Higgins .....	Georgetown.
Butler .....	Jarvis Hargitt .....	Hamilton.
Carroll .....	Isaac H. Taylor .....	Carrollton.
Champaign .....	Vesalius Horr .....	Urbana.
Clarke .....	Edward P. Torbert .....	Springfield.
Clermont .....	William Munsfield .....	Batavia.
Clinton .....	Loammi D. Reed .....	Wilmington.
Columbiana .....	John A. Myers .....	New Lisbon.
Coshocton .....	Gilbert H. Bargar .....	Coshocton.
Crawford .....	Thomas Coughlin .....	Bucyrus.
Cuyahoga .....	Benj. S. Cogswell .....	Cleveland.
Darke .....	Hamilton Slade .....	Greenville.
Defiance .....	Edwin Phelps .....	Defiance.
Delaware .....	John Chapman .....	Delaware.
Erie .....	Obadiah C. McLouth .....	Sandusky City.
Fairfield .....	Charles F. Rainey .....	Lancaster.
Fayette .....	Mason Blanchard .....	Washington.
Franklin .....	James S. Abbott .....	Columbus.
Fulton .....	Albert Deyo .....	Wauseon.
Gallia .....	Joseph Hunt .....	Gallipolis.
Geauga .....	William N. Keeny .....	Chardon.
Greene .....	John Orr .....	Xenia.
Guernsey .....	Robert Hammond .....	Cambridge.
Hamilton .....	H. H. Tinker .....	Cincinnati.
Hancock .....	Peter Pifer .....	Findlay.
Hardin .....	William Fleming .....	Kenton.
Harrison .....	John M. Garven .....	Cadiz.
Henry .....	Oscar E. Barnes .....	Napoleon.
Highland .....	Robert W. Spargur .....	Hillsborough.
Hocking .....	William H. Bell .....	Logan.
Holmes .....	John S. Orr .....	Millersburg.
Huron .....	Benj. P. Smith .....	Norwalk.
Jackson .....	John D. Mitchell .....	Jackson.
Jefferson .....	Oliver C. Smith .....	Stenbenville.
Knox .....	Samuel J. Brent .....	Mt. Vernon.
Lake .....	Franklin Paine, Jr. ....	Painesville.
Lawrence .....	Christopher C. Bowen .....	Ironton.
Licking .....	Isaac W. Bigelow .....	Newark.
Logan .....	John A. McIlvain .....	Bellefontaine.
Lorain .....	William N. Briggs .....	Elyria.
Lucas .....	Michael J. Enright .....	Toledo.
Madison .....	Alexander A. Hume .....	London.
Mahoning .....	Emery E. Knowlton .....	Canfield.
Marion .....	Philip Dombaugh .....	Marion.
Medina .....	Joseph Andrew .....	Medina.
Meigs .....	A. B. Donnelly .....	Pomeroy.
Mercer .....	Theophilus G. Touvelle .....	Celina.
Miami .....	Smith Talbot .....	Troy.
Monroe .....	David Oakey .....	Woodsfield.
Montgomery .....	John F. Sinks .....	Dayton.
Morgan .....	Cyrus M. Roberts .....	McConnelsville.
Morrow .....	Robert F. Bartlett .....	Mt. Gilead.
Muskingum .....	Edgar W. Allen .....	Zanesville.
Noble .....	Irvin Bellford .....	Caldwell.
Ottawa .....	George R. Clark .....	Port Clinton.

## CLERKS OF COURTS—Continued.

Counties.	Names.	Post Office.
Paulding .....	Orlando A. Russell .....	Paulding.
Perry .....	Peter Duffy .....	New Lexington.
Pickaway .....	Robert C. Peebles .....	Circleville.
Pike .....	John W. Washburn .....	Waverly.
Portage .....	John Mehary .....	Ravenna.
Preble .....	William D. Quinn .....	Eaton.
Putnam .....	Samuel B. Rice .....	Ottawa.
Richland .....	George B. Harmon .....	Mansfield.
Ross .....	Samuel Miller .....	Chillicothe.
Sandusky .....	B. C. Winters .....	Fremont.
Scioto .....	Amos B. Cole .....	Portsmouth.
Seneca .....	Jacob C. Millbine .....	Tiffin.
Shelby .....	H. H. Sprague .....	Sidney.
Stark .....	Edwin W. Page .....	Canton.
Summit .....	George W. Weeks .....	Akron.
Trumbull .....	M. C. Hart .....	Warren.
Tuscarawas .....	Daniel C. McGregor .....	New Philadelphia.
Union .....	Francis T. Arthur .....	Marysville.
Van Wert .....	George W. Day .....	Van Wert.
Vinton .....	George W. Holland .....	McArthur.
Warren .....	William H. Rockhill .....	Lebanon.
Washington .....	Daniel B. Torpy .....	Marietta.
Wayne .....	John W. Baughman .....	Wooster.
Williams .....	Lewis E. Brewster .....	Bryan.
Wood .....	Andrew D. Stewart .....	Bowling Green.
Wyandot .....	Wm. B. Hitchcock .....	Upper Sandusky.

## COUNTY AUDITORS.

Counties	Names.	Post Office.
Adams .....	John L. Swearingen .....	West Union.
Allen .....	Sylvester J. Brand .....	Lima.
Ashland .....	Emanuel Finger .....	Ashland.
Ashtabula .....	W. H. Crowell .....	Jefferson.
Athens .....	Alex. W. S. Minear .....	Athens.
Auglaize .....	James Finley Smith .....	Wapakoneta.
Belmont .....	John B. Longley .....	St. Clairsville.
Brown .....	George W. Ellsberry .....	Georgetown.
Butler .....	Adolph Schmidt .....	Hamilton.
Carroll .....	Wm. A. McAllister .....	Carrollton.
Champaign .....	James Fitzpatrick .....	Urbana.
Clarke .....	John F. Oglevee .....	Springfield.
Clermont .....	Alonzo M. Dimmitt .....	Batavia.
Clinton .....	Asa Jenkins .....	Wilmington.
Columbiana .....	Joseph J. Scroggs .....	New Lisbon.
Coshocton .....	William Walker .....	Coshocton.
Crawford .....	Wm. M. Scroggs .....	Bucyrus.
Cuyahoga .....	William S. Jones .....	Cleveland.
Darke .....	John E. Matchett .....	Greenville.
Defiance .....	John H. Conkle .....	Defiance.
Delaware .....	Josephus F. Doty .....	Delaware.
Erie .....	Ebenezer Merry .....	Sandusky City.
Fairfield .....	Louis A. Blaire .....	Lancaster.
Fayette .....	Abel McCandless .....	Washington.
Franklin .....	Samuel E. Kyle .....	Columbus.
Fulton .....	Lafayette G. Ely .....	Wauseon.
Gallia .....	John H. Evans .....	Gallipolis.
Geauga .....	Abram P. Tilden .....	Chardon.
Greene .....	A. S. Frazer .....	Xenia.
Guernsey .....	Francis Hammond .....	Cambridge.
Hamilton .....	Walker M. Yeatman .....	Cincinnati.
Hancock .....	John L. Hill .....	Findlay.
Hardin .....	R. F. McConnell .....	Kenton.
Harrison .....	William O. Potts .....	Cadiz.
Henry .....	Joachim F. Theek .....	Napoleon.
Highland .....	Daniel Murphy .....	Hillsboro.
Hocking .....	Joel B. Stiers .....	Logan.
Holmes .....	Joseph H. Newton .....	Millersburg.
Huron .....	John Barnes .....	Norwalk.
Jackson .....	Jonathan R. Booth .....	Jackson.
Jefferson .....	William F. Simeral .....	Stenbenville.
Knox .....	John M. Ewalt .....	Mt. Vernon.
Lake .....	Benjamin D. Chesney .....	Painesville.
Lawrence .....	John N. Thomas .....	Ironton.
Licking .....	William D. Morgan .....	Newark.
Logan .....	Joseph R. Smith .....	Bellefontaine.
Lorain .....	Elezier G. Johnson .....	Elyria.
Lucas .....	Elijah W. Lenderson .....	Toledo.
Madison .....	Noah Thomas .....	London.
Mahoning .....	James K. Bailey .....	Canfield.
Marion .....	Samuel E. Hain .....	Marion.
Medina .....	Henry C. Pardee .....	Medina.
Meigs .....	Ransom Griffin .....	Pomeroy.
Mercer .....	Seth Snyder .....	Celina.
Miami .....	Eli Tenney .....	Troy.
Monroe .....	Michael Hoeffer .....	Woodsfield.
Montgomery .....	George P. Boyer .....	Dayton.
Morgan .....	Arthur Pond .....	McConnelsville.
Morrow .....	Asa M. Breese .....	Mt. Gilead.
Muskingum .....	Andrew P. Stultz .....	Zanesville.



## COUNTY AUDITORS—Continued.

Counties.	Names.	Post Office.
Noble .....	Jonathan F. Knouff .....	Caldwell.
Ottawa .....	George B. Heller .....	Port Clinton.
Paulding .....	Valentine V. Pursel .....	Paulding.
Perry .....	Edward T. Rissler .....	New Lexington.
Pickaway .....	Edward E. Winship .....	Circleville.
Pike .....	George Kearns .....	Waverly.
Portage .....	William Grinnell .....	Ravenna.
Preble .....	William J. Barnhizer .....	Eaton.
Putnam .....	John Deffenbaugh .....	Ottawa.
Richland .....	Marcus McDermott .....	Mansfield.
Ross .....	Robert D. McDougall .....	Chillicothe.
Sandusky .....	George W. Gurst .....	Fremont.
Scioto .....	James Skelton .....	Portsmouth.
Seneca .....	Levi D. Kagy .....	Tiffin.
Shelby .....	Harvey Guthrie .....	Sidney.
Stark .....	Edward A. Lee .....	Canton.
Summit .....	Edward Buckingham .....	Akron.
Trumbull .....	James D. Kennedy .....	Warren.
Tuscarawas .....	Philip Getzman .....	N. Philadelphia.
Union .....	John Wiley .....	Marysville.
Van Wert .....	Julius A. Gleason .....	Van Wert.
Vinton .....	William W. Belford .....	McArthur.
Warren .....	William S. Dynes .....	Lebanon.
Washington .....	John T. Mathews .....	Marietta.
Wayne .....	George W. Henshaw .....	Wooster.
Williams .....	Simeon Gillis .....	Bryan.
Wood .....	Joseph B. Newton .....	Bowling Green.
Wyandot .....	Robert A. McKelly .....	Upper Sandusky.

ANNUAL REPORT OF THE  
COUNTY TREASURERS.

Counties.	Names.	Post Office.
Adams .....	Henry Scott .....	West Union
Allen .....	Richard T. Hughes .....	Lima.
Ashland .....	G. I. Yearick .....	Ashland.
Ashtabula .....	Sylvester T. Fuller .....	Jefferson.
Athens .....	William S. Wilson .....	Athens.
Auglaize .....	Mathias Mouch .....	Wapakoneta.
Belmont .....	Andrew Porterfield .....	St. Clairsville.
Brown .....	Alfred J. Parker .....	Georgetown.
Butler .....	David Yeakle .....	Hamilton.
Carroll .....	William H. Buchanan .....	Carrollton.
Champaign .....	William V. Taylor .....	Urbana.
Clarke .....	Richard Mountjoy .....	Springfield.
Clermont .....	Joseph Bicking .....	Batavia.
Clinton .....	S. M. Babb .....	Wilmington.
Columbiana .....	Robert C. Taggart .....	New Lisbon.
Coshocton .....	Richard W. McClain .....	Coshocton.
Crawford .....	J. G. Birk .....	Bucyrus.
Cuyahoga .....	Frank Lynch .....	Cleveland.
Darke .....	Peter V. Banta .....	Greenville.
Defiance .....	Asa Toberen .....	Defiance.
Delaware .....	James Cox .....	Delaware.
Erie .....	James S. Chandler .....	Sandusky City.
Fairfield .....	Gilbert Shaeffer .....	Lancaster.
Fayette .....	Eli Craig .....	Washington.
Franklin .....	Lorenzo English .....	Columbus.
Fulton .....	David Ayers .....	Wauseon.
Gallia .....	John L. Guy .....	Gallipolis.
Geauga .....	Theron C. Smith .....	Chardon.
Greene .....	Robert Stevenson .....	Xenia.
Guernsey .....	James H. Hatton .....	Cambridge.
Hamilton .....	John Gerke .....	Cincinnati.
Hancock .....	Benjamin Huber .....	Findlay.
Hardin .....	Henry M. Shingle .....	Kenton.
Harrison .....	George A. Haverfield .....	Cadiz.
Henry .....	Henry H. Van Fleet .....	Napoleon.
Highland .....	William H. Glenn .....	Hillsborough.
Hocking .....	Henry Hansel .....	Logan.
Holmes .....	Gottlieb Gerber .....	Millersburgh.
Huron .....	Edwin H. Brown .....	Norwalk.
Jackson .....	Aaron Kirkendall .....	Jackson.
Jefferson .....	William A. Elliott .....	Stuebenville.
Knox .....	William E. Dunham .....	Mt. Vernon.
Lake .....	Irwin S. Childs .....	Painesville.
Lawrence .....	Simeon Crossley .....	Ironton.
Licking .....	Lewis A. Stevens .....	Newark.
Logan .....	Walter L. Nelson .....	Bellefontaine.
Lorain .....	John H. Boynton .....	Elyria.
Lucas .....	John S. Kountz .....	Toledo.
Madison .....	Benjamin T. Custer .....	London.
Mahoning .....	Joseph Barclay .....	Canfield.
Marion .....	A. D. Matthews .....	Marion.
Medina .....	Samuel J. Hayslip .....	Medina.
Meigs .....	David H. Lasley .....	Pomeroy.
Mercer .....	John W. Crockett .....	Celina.
Miami .....	Theodore Sullivan .....	Troy.
Monroe .....	William Read .....	Woodsfield.
Montgomery .....	Daniel H. Dryden .....	Dayton.
Morgan .....	Samuel B. Yocum .....	McConnelsville.
Morrow .....	Charles Wheeler .....	Mt. Gilead.
Muskingum .....	Robert Silvev .....	Zanesville.
Noble .....	William L. Moseley .....	Caldwell.
Ottawa .....	Godfrey Jaeger .....	Port Clinton.

COUNTY TREASURERS—Continued.

Counties.	Names.	Post Office.
Paulding .....	Peter Hilty .....	Paulding.
Perry .....	Jacob J. Johnson .....	New Lexington.
Pickaway .....	Peter Haber .....	Circleville.
Pike .....	Abyrom B. East .....	Waverly.
Portage .....	Edward G. Hinman .....	Ravenna.
Preble .....	Frank W. Whitesides .....	Eaton.
Putnam .....	William McClure .....	Ottawa.
Richland .....	R. H. Rowland .....	Mansfield.
Ross .....	William A. Wayland .....	Chillicothe.
Sandusky .....	J. P. Elderkin .....	Fremont.
Scioto .....	Charles Slavens .....	Portsmouth.
Seneca .....	William Lang .....	Tiffin.
Shelby .....	A. J. Robertson .....	Sidney.
Stark .....	Ira M. Allen .....	Canton.
Summit .....	Schuyler R. Oviatt .....	Akron.
Trumbull .....	Thomas A. Brierly .....	Warren.
Tuscarawas .....	William H. Criswell .....	New Philadelphia.
Union .....	James R. Russell .....	Marysville.
Van Wert .....	John Seaman .....	Van Wert.
Vinton .....	Nelson Richmond .....	McArthur.
Warren .....	Lot Wright .....	Lebanon.
Washington .....	Ernst Lindner .....	Marietta.
Wayne .....	John R. Hilman .....	Wooster.
Williams .....	Melvin M. Boothman .....	Bryan.
Wood .....	George Kimberlin .....	Bowling Green.
Wyandot .....	Jonathan S. Hare .....	Upper Sandusky.

## COUNTY RECORDERS.

Counties.	Names.	Post Office.
Adams .....	Wm. R. Thoroman .....	West Union.
Allen .....	Albertus R. Krebs .....	Lima.
Ashland .....	George W. Urie .....	Ashland.
Ashtabula .....	Truman Reeves .....	Jefferson.
Athens .....	Josiah B. Allen .....	Athens.
Auglaize .....	Robert McMurray .....	Wapakoneta.
Belmont .....	James A. Barnes .....	St. Clairsville.
Brown .....	John W. Evans .....	Georgetown.
Butler .....	Samuel Davis .....	Hamilton.
Carroll .....	James Holder .....	Carrollton.
Champaign .....	George Kiser .....	Urbana.
Clarke .....	Ashley Bradford .....	Springfield.
Clermont .....	Royal J. Bancroft .....	Batavia.
Clinton .....	M. J. Brady .....	Wilmington.
Columbiana .....	George F. Ball .....	New Lisbon.
Coshocton .....	Michael W. Winner .....	Coshocton.
Crawford .....	William Stremmel .....	Bucyrus.
Cuyahoga .....	Edward H. Bohm .....	Cleveland.
Darke .....	Benjamin Beers .....	Greenville.
Defiance .....	Lewis Neill .....	Defiance.
Delaware .....	Elijah B. Adams .....	Delaware.
Erie .....	William A. Till .....	Sandusky City.
Fairfield .....	Timothy Tishbaugh .....	Lancaster.
Fayette .....	Z. W. Hoagler .....	Washington.
Franklin .....	Nathan Cole .....	Columbns.
Fulton .....	Richard Taylor .....	Wauseon.
Gallia .....	Ira W. Booton .....	Gallipolis.
Geauga .....	Allison W. Young .....	Chardon.
Greene .....	H. McQuiston .....	Xenia.
Guernsey .....	Philip T. Suitt .....	Cambridge.
Hamilton .....	George J. Leininger .....	Cincinnati.
Hancock .....	Paul Kemerer .....	Findlay.
Hardin .....	Charles Collier .....	Kenton.
Harrison .....	George W. Woodborne .....	Cadiz.
Henry .....	Ransom P. Osborn .....	Napoleon.
Highland .....	George Stevens .....	Hillsborough.
Hocking .....	John E. Swart .....	Logan.
Holmes .....	William McDowell .....	Millersburg.
Huron .....	Elon G. Boughton .....	Norwalk.
Jackson .....	T. J. Edwards .....	Jackson.
Jefferson .....	Moses J. Urquhart .....	Stebenville.
Knox .....	John Myers .....	Mt. Vernon.
Lake .....	Isaac Everett .....	Painesville.
Lawrence .....	Wm. H. Donohoe .....	Ironton.
Licking .....	William E. Atkinson .....	Newark.
Logan .....	John O. Sweet .....	Bellefontaine.
Lorain .....	William H. Tucker .....	Elyria.
Lucas .....	Josiah W. White .....	Toledo.
Madison .....	Leonard Eastman .....	London.
Mahoning .....	Florentine M. Simon .....	Canfield.
Marion .....	Benjamin F. Stahl .....	Marion.
Medina .....	M. I. Nash .....	Medina.
Meigs .....	John McClure .....	Pomeroy.
Mercer .....	John B. Perwessel .....	Celina.
Miami .....	George Green .....	Troy.
Monroe .....	Daniel O'Conner .....	Woodsfield.
Montgomery .....	Johnson Snyder .....	Dayton.
Morgan .....	William W. McCarty .....	McConnelsville.
Morrow .....	Daniel D. Booher .....	Mt. Gilead.
Muskingum .....	Wm. H. Cunningham .....	Zanesville.
Noble .....	Thomas Lloyd .....	Caldwell.
Ottawa .....	Augustus R. Schlosser .....	Port Clinton.

COUNTY RECORDERS—Continued.

Counties.	Names.	Post Office.
Paulding .....	Charles Hakes .....	Paulding.
Perry .....	William G. Buckner .....	New Lexington.
Pickaway .....	Terrence C. Lynch .....	Circleville.
Pike .....	William Allison .....	Waverly.
Portage .....	George W. Barrett .....	Ravenna.
Preble .....	Isaac N. Sliver .....	Eaton.
Putnam .....	William N. Wetherell .....	Ottawa.
Richland .....	A. H. Littler .....	Mansfield.
Ross .....	William Briggs .....	Chillicothe.
Sandusky .....	William W. Stine .....	Fremont.
Scioto .....	Lewis E. Currie .....	Portsmouth.
Seneca .....	William De Witt .....	Tiffin.
Shelby .....	A. Logan Marshall .....	Sidney.
Stark .....	Marcus E. Wilcox .....	Canton.
Summit .....	George H. Payne .....	Akron.
Trumbull .....	Elmer Moses .....	Warren.
Tuscarawas .....	John Mygrants .....	New Philadelphia.
Union .....	Hiram Roney .....	Marysville.
Van Wert .....	Perry C. Coon .....	Van Wert.
Vinton .....	Thomas A. Murray .....	McArthur.
Warren .....	Thomas H. Blake .....	Lebanon.
Washington .....	James Nixon .....	Marietta.
Wayne .....	James F. Methven .....	Wooster.
Williams .....	Robert D. Dole .....	Bryan.
Wood .....	Stephen Merry .....	Bowling Green.
Wyandot .....	Adam Stutz .....	Upper Sandusky.

ANNUAL REPORT OF THE  
PROSECUTING ATTORNEYS.

Counties.	Names.	Post Office.
Adams	Frank D. Bayless	West Union.
Allen	Ed. A. Ballard	Lima.
Ashland	John T. McCrny	Ashland.
Ashtabula	Edward C. Wade	Jefferson.
Athens	Charles Townsend	Athens.
Anglaize	Robert D. Marshall	Wapakoneta.
Belmont	Wilson S. Kennon	St. Clairsville.
Brown	Jesse Thompson	Georgetown.
Butler	Henry L. Morey	Hamilton.
Carroll	Robert Raley	Carrollton.
Champaign	George M. Eichelberger	Urbana.
Clarke	Thomas J. Pringle	Springfield.
Clermont	Thomas A. Griffith	Batavia.
Clinton	Melville Hayes	Wilmington.
Columbiana	Mathew E. Taggart	New Lisbon.
Coshocton	William S. Crowell	Coshocton.
Crawford	J. W. Coulter	Bneyrns.
Cuyahoga	Homer B. De Wolf	Cleveland.
Darke	James K. Riddle	Greenville.
Defiance	Silas T. Sutphen	Defiance.
Delaware	Jackson Hopple	Delaware.
Erie	Fred'k W. Cogswell	Sandusky City.
Fairfield	John G. Reeves	Lancaster.
Fayette	A. R. Creamer	Washington.
Franklin	George K. Nash	Columbus.
Fulton	William W. Touvelle	Wauseon.
Gallia	Taylor W. Hampton	Gallipolis.
Geauga	Lucius E. Durfee	Chardon.
Greene	Charles C. Shearer	Xenia.
Guernsey	James O. Grimes	Cambridge.
Hamilton	Robert O. Strong	Cincinnati.
Hancock	George F. Pendleton	Findlay.
Hardin	James Watt	Kenton.
Harrison	John S. Pearce	Cadiz.
Henry	James L. Robertson	Napoleon.
Highland	E. M. DeBruin	Hillsboro.
Hocking	Lomer L. Wright	Logan.
Holmes	Leander R. Hoagland	Millersburg.
Huron	George W. Knapp	Norwalk.
Jackson	John L. Jones	Jackson.
Jefferson	William P. Hayes	Stebenville.
Knox	Abel Hart	Mt. Vernon.
Lake	John W. Tyler	Painesville.
Lawrence	Thomas Cherrington	Ironton.
Licking	Samuel M. Hunter	Newark.
Logan	Duncan Dow	Bellefontaine.
Lorain	Charles W. Johnson	Elyria.
Lucas	Joseph D. Ford	Toledo.
Madison	Sylvester W. Durlinger	London.
Mahoning	Asahel W. Jones	Canfield.
Marion	Caleb H. Norris	Marion.
Medina	William W. Pancost	Medina.
Meigs	J. P. Bradbury	Pomeroy.
Mercer	William F. Miller	Celina.
Miami	Henry H. Williams	Troy.
Monroe	Albert J. Pearson	Woodsfield.
Montgomery	Elihu Thompson	Dayton.
Morgan	William Foulk	McConnelsville.
Morrow	Jabez Dickey	Mt. Gilead.
Muskingum	Milton I. Southard	Zanesville.
Noble	David S. Spriggs	Caldwell.
Ottawa	W. W. Atkins	Port Clinton.



PROSECUTING ATTORNEYS—Continued.

Counties.	Names.	Post Office.
Paulding .....	John W. Ayres .....	Paulding.
Perry .....	Henry A. Sheeran .....	New Lexington.
Pickaway .....	Isaac N. Abernathy .....	Circleville.
Pike .....	John T. Moore .....	Waverly.
Portage .....	Cornelius A. Reed .....	Ravenna.
Preble .....	John V. Campbell .....	Eaton.
Putnam .....	Stansberry Sutton .....	Ottawa.
Richland .....	Robert B. McCrory .....	Mansfield.
Ross .....	Archibald Mayo .....	Chilliothe.
Sandusky .....	A. B. Putnam .....	Fremont.
Scioto .....	Henry E. Jones .....	Portsmouth.
Seneca .....	Frank Baker .....	Tiffin.
Shelby .....	N. R. Burress .....	Sidney
Stark .....	W. A. Lynch .....	Canton.
Summit .....	Henry C. Sanford .....	Akron.
Trumbull .....	William T. Spear .....	Warren.
Tuscarawas .....	John J. Robinson .....	N. Philadelphia.
Union .....	Leonidas Piper .....	Marysville.
Van Wert .....	James L. Price .....	Van Wert.
Vinton .....	Ulysses S. Claypool .....	McArthur.
Warren .....	J. Kelly O'Neill .....	Lebanon.
Washington .....	Walter Brabham .....	Marietta.
Wayne .....	Martin L. Smzyer .....	Wooster.
Williams .....	Philetus Smith .....	Bryan.
Wood .....	John A. Shannon .....	Bowling Green.
Wyandot .....	M. H. Kirby .....	Upper Sandusky.

## SHERIFFS

Counties.	Names.	Post Office.
Adams .....	Lyman P. Stivers .....	West Union.
Allen .....	Jas. A. Colbath .....	Lima.
Ashland .....	John J. Winbigler .....	Ashland.
Ashtabula .....	A. W. Stiles .....	Jefferson.
Athens .....	Andrew J. Reynolds .....	Athens.
Anglaize .....	Theo. Dickman .....	Wapakoneta.
Belmont .....	Wm. C. Cochran .....	St. Clairsville.
Brown .....	John Dillon .....	Georgetown.
Butler .....	William H. Allen .....	Hamilton.
Carroll .....	James A. George .....	Carrollton.
Champaign .....	Benj. F. Ganson .....	Urbana.
Clarke .....	Cornelius Baker .....	Springfield.
Clermont .....	John R. Woodlief .....	Batavia.
Clinton .....	James L. Hackney .....	Wilmington.
Columbiana .....	Thomas C. Morris .....	New Lisbon.
Coshocton .....	Joshua H. Carr .....	Coshocton.
Crawford .....	James Worden .....	Bucyrus.
Cuyahoga .....	Pardon B. Smith .....	Cleveland.
Darke .....	N. M. Wilson .....	Greenville.
Defiance .....	John B. Hootman .....	Defiance.
Delaware .....	Joseph H. Crawford .....	Delaware.
Erie .....	David S. Worthington .....	Sandusky City.
Fairfield .....	William Bush .....	Lancaster.
Fayette .....	John Milliken .....	Washington.
Franklin .....	Samuel Thompson .....	Columbus.
Fulton .....	Sullivan Johnson .....	Wauseon.
Gallia .....	Amos Ripley .....	Gallipolis.
Geauga .....	Lester Mallet .....	Chardon.
Greene .....	Wm. H. Glotfelter .....	Xenia.
Guernsey .....	Wm. H. C. Hanna .....	Cambridge.
Hamilton .....	George W. Ziegler .....	Cincinnati.
Hancock .....	James L. Henry .....	Findlay.
Hardin .....	Nicholas S. Weaver .....	Kenton.
Harrison .....	Samuel S. Hamill .....	Cadiz.
Henry .....	George Daum .....	Napoleon.
Highland .....	Cary T. Pope .....	Hillsborough.
Hocking .....	Robert Curren .....	Logan.
Holmes .....	James S. McComb .....	Millersburg.
Huron .....	John M. Latimer .....	Norwalk.
Jackson .....	Robert W. Hubbard .....	Jackson.
Jefferson .....	Thomas H. Montgomery .....	Steubenville.
Knox .....	John M. Armstrong .....	Mt. Vernon.
Lake .....	Henry M. Mosher .....	Painesville.
Lawrence .....	Wm. S. Merrill .....	Ironton.
Licking .....	Edwin Williams .....	Newark.
Logan .....	W. H. Chandler .....	Bellefontaine.
Lorain .....	Ransom E. Braman .....	Elyria.
Lucas .....	P. H. Dowling .....	Toledo.
Madison .....	Henry Strawbridge .....	London.
Mahoning .....	John R. Davis .....	Caufield.
Marion .....	John H. Weaver .....	Marion.
Medina .....	Oscar P. Phillips .....	Medina.
Meigs .....	Thornton Mallory .....	Pomeroy.
Mercer .....	Thornton Spriggs .....	Celina.
Miami .....	Wm. A. Evans .....	Troy.
Monroe .....	Geo. Caldwell .....	Woodsfield.
Montgomery .....	William Patton .....	Dayton.
Morgan .....	Augustus D. Havener .....	McConnelsville.
Morrow .....	William C. Marison .....	Mt. Gilead.
Muskingum .....	William Ruth .....	Zanesville.
Noble .....	A. C. Lawrence .....	Caldwell.
Ottawa .....	Hugh A. Rowland .....	Port Clinton.



## SHERIFFS—Continued.

Counties.	Names.	Post Office.
Paulding .....	J. A. Ferguson .....	Paulding.
Perry .....	Noah Carr .....	New Lexington.
Pickaway .....	Isaac M. Grist .....	Circleville.
Pike .....	Daniel L. Sailor .....	Waverly.
Portage .....	Orlando Ridson .....	Ravenna.
Preble .....	John Townsend .....	Eaton.
Putnam .....	W. L. Albright .....	Ottawa.
Richland .....	Robert Moore .....	Mansfield.
Ross .....	Felix B. Mace .....	Chillicothe.
Sandusky .....	A. Young .....	Fremont.
Scioto .....	John W. Lewis .....	Portsmouth.
Seneca .....	John Waverly .....	Tiffin.
Shelby .....	Charles Eisenstein .....	Sidney.
Stark .....	Wm. Baxter .....	Canton.
Summit .....	Levi J. Murray .....	Akron.
Trumbull .....	G. W. Dickinson .....	Warren.
Tuscarawas .....	J. Degrief .....	N. Philadelphia.
Union .....	John C. Price .....	Marysville.
Van Wert .....	A. B. Gleason .....	Van Wert.
Vinton .....	Daniel Booth .....	McArthur.
Warren .....	John Ely .....	Lebanon.
Washington .....	George Davenport .....	Marietta.
Wayne .....	Jacob R. Bowman .....	Wooster.
Williams .....	Henry L. Walker .....	Bryan.
Wood .....	Charles C. Baird .....	Bowling Green.
Wyandot .....	Henry Myers .....	Upper Sandusky.

## JUDICIARY.

## JUDGES OF THE SUPREME COURT.

Names.	Residence.	Remarks.
*John Welch, <i>Chief Justice</i> .....	Athens .....	Term expires Feb., 1873.
†William White, <i>Judge</i> .....	Springfield .....	" " 1874.
Luther Day, <i>Judge</i> .....	Ravenna .....	" " 1875.
Geo. W. McIlvaine, <i>Judge</i> .....	New Philadelphia .....	" " 1876.
William H. West, <i>Judge</i> .....	Bellefontaine .....	" " 1877.

\* Re-elected for five years from February 9, 1873.

† Chief Justice after February 9, 1873.

## JUDGES OF THE COURTS OF COMMON PLEAS—1872-3.

Dist.	Sub. Div.	Counties.	Names of Judges.	Post-office Address.
No. 1	.....	Hamilton .....	Manning F. Force..... Charles C. Murdock..... Joseph Cox..... Jacob Burnet..... William L. Avery.....	Cincinnati. Cincinnati. Cincinnati. Cincinnati. Cincinnati.
No. 2	1	Butler..... Preble..... Montgomery..... Darke.....	John C. McKemy..... Henderson Elliott..... William J. Gilmore.....	Dayton. Dayton. Eaton.
No. 2	2	Champaign..... Miami.....	Ichabod Corwin.....	Urbana.
No. 2	3	Warren..... Clinton..... Greene..... Clarke.....	James M. Smith..... Leroy Pope.....	Lebanon. Wilmington.
No. 3	1	Logan..... Union..... Hardin..... Shelby.....	Philander B. Cole.....	Marysville.
No. 3	2	Auglaize..... Allen..... Mercer..... Van Wert..... Putnam.....	James McKenzie..... Edward M. Phelps.....	Lima. St. Mary's.
No. 3	3	Paulding..... Defiance..... Williams..... Fulton..... Henry.....	Alex. S. Latty.....	Defiance.

# SECRETARY OF STATE.

## JUDGES OF THE COURTS OF COMMON PLEAS—Continued.

Dist.	Sub. Div.	Counties.	Names of Judges.	Post Office address.
No. 3	4	{ Seneca ..... Hancock ..... Wyandot ..... Crawford ..... Marion ..... Wood .....	{ James Pillars. Abner M. Jackson.	Tiffin ..... Bucyrus.
No. 4	1	{ Lucas ..... Ottawa ..... Sandusky ..... Erie ..... Huron .....	{ Charles E. Pennewell ..... William A. Collins ..... Joshua R. Seney ..... Walter F. Stone .....	Norwalk. Toledo. Toledo. Sandusky.
No. 4	2	{ Lorain ..... Medina ..... Summit .....	{ Samuel W. McClure ..... Washington W. Boynton..	Akron. Elyria.
No. 4	3	{ Cuyahoga .....	{ Horace Foote. .... Samuel B. Prentiss..... Robert F. Payne .....	Cleveland. Cleveland. Cleveland.
No. 5	1	{ Clermont . .... Brown ..... Adams .....	{ Thomas Q. Ashburn..... David Tarbell .....	Batavia. Georgetown.
No. 5	2	{ Ross ..... Highland..... Fayette .....	{ Samuel F. Steele..... William H. Safford.....	Hillsboro. Chillicothe.
No. 5	3	{ Pickaway ..... Franklin ..... Madison .....	{ John L. Green ..... Joseph Olds .....	Columbus. Circleville.
No. 6	1	{ Licking ..... Knox..... Delaware.....	{ Charles Follett ..... John Adams.....	Newark. Mt. Vernon.
No. 6	2	{ Morrow ..... Richland ..... Ashland .....	{ George W. Geddes ..... Darius Dirlan .....	Mansfield. Mansfield.
No. 6	3	{ Wayne ..... Holmes..... Coshocton .....	{ William Reed .....	Millersburg.
No. 7	1	{ Fairfield ..... Perry ..... Hocking.....	{ Silas H. Wright .....	Logan.
No. 7	2	{ Jackson ..... Vinton ..... Pike ..... Scioto ..... Lawrence .....	{ J. J. Harper ..... W. K. Hastings.....	Portsmouth. Jackson.
No. 7	3	{ Gallia ..... Meigs ..... Athens ..... Washington .....	{ T. A. Plants ..... Erastus A. Guthrie.....	Pomeroy Athens.
No. 8	1	{ Muskingum ..... Morgan ..... Noble ..... Guernsey .....	{ Frederick W. Wood..... William H. Frazier .....	McCon'elsville Caldwell.

## JUDGES OF THE COURTS OF COMMON PLEAS—Continued.

Dist.	Sub. Div.	Counties.	Names of Judges.	Post Office Address.
No. 8	2	{ Belmont ..... Monroe .....	{ Robert E. Chambers .....	St. Clairsville.
No. 8	3	{ Jefferson..... Harrison..... Tusearawas .....	{ John H. Miller.....	Steubenville.
No. 9	1	{ Stark..... Carroll .....	{ Joseph Frease .....	Canton.
No. 9	2	{ Trumbull .....	{ Philo B. Conant .....	Ravenna.
		{ Portage .....	{ Charles E. Glidden.....	Warren.
		{ Mahoning .....		
No. 9	3	{ Geauga .....	{ Milton C. Canfield .....	Chardon.
		{ Lake .....		
		{ Ashtabula .....		

## TIMES FOR HOLDING COURTS IN OHIO FOR 1873.

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### FIRST DISTRICT.

#### DISTRICT COURT.

Hamilton, April 7, October 6.

#### COMMON PLEAS.

Hamilton, January 6, June 2, November 3.

### SECOND DISTRICT.

#### DISTRICT COURT.

Butler, March 31; Clarke, April 14; Champaign, April 21; Clinton, May 19; Darke, April 30; Greene, April 23; Miami, April 28; Montgomery, May 7; Preble, May 5; Warren, May 12.

#### COMMON PLEAS.

Butler, January 6, May 19, October 20.  
 Champaign, February 24, June 16, November 24.  
 Clarke, January 20, June 2, October 20.  
 Clinton, March 3, June 16, December 1.  
 Darke, January 6, June 2, October 20.  
 Greene, March 3, June 16, December 1.  
 Miami, January 20, June 2, October 20.  
 Montgomery, January 6, May 19, October 20.  
 Preble, March 10, June 16, December 1.  
 Warren, January 20, June 2, October 20.

### THIRD DISTRICT.

#### DISTRICT COURT.

Allen, September 17; Auglaize, September 5; Crawford, March 27; Defiance, April 8; Fulton, April 12; Hancock, April 1; Hardin, September, 1; Henry, April 11; Logan

August 28; Marion, March 25; Mercer, September 9; Paulding, April 10; Putnam, September 11; Seneca, April 3; Shelby, September 3; Union, August 25; Van Wert, September 15; Williams, April 14; Wood, April 5; Wyandot, March 29.

## COMMON PLEAS.

Allen, February 24, May 26, October 20.  
 Auglaize, March 3, May 26, October 15.  
 Crawford, February 17, June 9, October 27.  
 Defiance, January 20, April 23, September 29.  
 Fulton, February 25, May 13, October 21.  
 Hancock, February 3, May 26, October 6.  
 Hardin, February 25, May 20, November 3.  
 Henry, February 10, May 5, October 6.  
 Logan, March 18, June 3, November 24.  
 Marion, January 27, May 26, September 22.  
 Mercer, February 17, April 23, November 10.  
 Paulding, February 4, June 3, September 23.  
 Putnam, February 3, May 12, September 29.  
 Seneca, March 3, June 9, November 3.  
 Shelby, January 14, April 15, September 29.  
 Union, February 3, May 5, October 19.  
 Van Wert, January 14, May 13, October 23.  
 Williams, March 11, May 20, November 4.  
 Wood, January 6, May 5, September 2.  
 Wyandot, January 6, May 12, September 1.

## FOURTH DISTRICT.

## DISTRICT COURT.

Erie, April 2; Huron, March 24; Lucas, April 9; Sandusky, March 23; Ottawa, April 7; Lorain, August 25; Summit, September 1; Cuyahoga, September 8; Medina, August 23.

## COMMON PLEAS.

Erie, February 3, May 19, October 20.  
 Huron, February 24, June 2, November 10.  
 Lucas, February 3, May 5, October 20.  
 Sandusky, January 20, April 21, October 13.  
 Ottawa, January 13, May 5, October 6.  
 Lorain, January 27, May 12, October 20.  
 Medina, January 13, May 5, September 29.  
 Summit, January 27, May 12, October 20.  
 Cuyahoga, February 10, May 5, November 3.



FIFTH DISTRICT.

DISTRICT COURT.

Madison, April 29; Franklin May 2; Pickaway, May 9; Fayette, May 15; Adams, September 10; Brown, September 12; Clermont, September 19; Highland, September 25; Ross, September 27.

COMMON PLEAS.

Adams, January 21, May 20, October 21.  
Brown, February 4, June 3, October 21.  
Clermont, February 18, June 10, November 11.  
Highland, January 21, April 15, October 21.  
Ross, January 23, May 20, October 21.  
Fayette, February 18, June 3, November 18.  
Madison, January 21, April 1, September 16.  
Franklin, February 3, May 19, October 20.  
Pickaway, March 4, June 17, November 18.

SIXTH DISTRICT.

DISTRICT COURT.

Ashland, June 16; Coshocton July 10; Delaware, June 2; Holmes, June 27; Knox, July 7; Licking, June 30; Morrow, June 19; Richland, June 9; Wayne, June 23.

COMMON PLEAS.

Ashland, April 8, September 15, December 8.  
Coshocton, February 11, April 29, October 21.  
Delaware, March 25, September 2, November 25.  
Holmes, January 20, April 14, September 1.  
Knox, February 10, May 5, October 20.  
Licking, January 20, April 8, October 20.  
Morrow, February 3, August 4, October 20.  
Richland, February 17, August 11, November 17.  
Wayne, March 10, August 4, November 24.

## SEVENTH DISTRICT.

## DISTRICT COURT.

Athens, September 4; Fairfield, August 23; Gallia, April 17; Hocking, September 1; Jackson, September 10; Lawrence, April 21; Meigs, April 14; Perry, August 26; Pike, April 29; Scioto, April 24; Vinton, September, 8; Washington, April 10.

## COMMON PLEAS.

Athens, March 6, May 29, November 3.  
Fairfield, March 4, June 2, October 27.  
Gallia, February 17, May 12, October 16.  
Hocking, February 10, May 19, October 13.  
Jackson, March 3, May 26, October 13.  
Lawrence, January 23, May 6, September 23.  
Meigs, February 3, April 23, September 30.  
Perry, January 27, May 5, September 29.  
Pike, April 1, June 24, November 18.  
Scioto, March 3, June 2, October 27.  
Vinton, February 11, May 6, September 16.  
Washington, March 3, May 26, October 30.

## EIGHTH DISTRICT.

## DISTRICT COURT.

Belmont, September 17; Guernsey, September 22; Harrison, September 29; Jefferson, October 1; Monroe, September 15; Morgan, September 8; Noble, September 11; Muskingum, September 1; Tuscarawas, September 26.

## COMMON PLEAS.

Belmont, February 10, May 12, November 3.  
Guernsey, January 14, April 22, October 15.  
Harrison, February 10, May 12, October 15.  
Jefferson, March 10, June 9, November 17.  
Monroe, January 21, April 8, October 21.  
Morgan, March 24, June 16, November 10.  
Muskingum, February 13, April 22, November 13.  
Noble, February 3, June 2, October 27.  
Tuscarawas, February 24, May 26, October 27.

## NINTH DISTRICT.

## DISTRICT COURT.

Ashtabula, April 29; Carroll, September 15; Columbiana, September 24; Geauga, April 23; Lake, April 23; Mahoning, September 29; Portage, April 21; Stark, September 18; Trumbull, April 14.

SECRETARY OF STATE.

COMMON PLEAS.

Ashtabula, February 24, June 9, November 24.  
Carroll, January 6, March 31, September 1.  
Columbiana, January 20, May 5, October 20.  
Geauga, January 13, May 5, October 20.  
Lake, January 27, May 19, November 3.  
Mahoning, January 6, May 5, October 20.  
Portage, February 3, May 5, October 27.  
Stark, February 10, May 26, November 10.  
Trumbull, February 24, June 2, November 17.

*Names of Companies Incorporated for Manufacturing Purposes, with date  
Shares, from November 15, 1871,*

Number.	Date of filing certi- ficates.	Name of Company.
	1871.	
1	Nov. 18	The Star Wrench Manufacturing Co. of Cleveland, Ohio .....
2	" 20	Piqua Car Manufacturing Company .....
3	Dec. 1	Delphos Foundry and Machine Shops .....
4	" 1	The Zanesville Manufacturing Co. ....
5	" 2	Scioto Fire Brick Co .....
6	" 2	Ohio Gas Carbonizing Company .....
7	" 6	The Central Manufacturing Co., of Dayton .....
8	" 7	The Defiance Machine Works .....
9	" 11	The Salineville Iron Company .....
10	" 18	P. P. Mast & Co .....
11	" 20	The C. B. Evans Mantel and Grate Company .....
12	" 23	The Ohio Valley Steam Power, Brick, Tile and Pottery Co .....
13	" 26	Burgess Steel and Iron Works .....
14	" 30	Steubenville Furnace and Iron Company .....
	1872.	
15	Jan 15	Yonglove Architectural Iron Co .....
16	" 15	Mosler, Bahman & Co. ....
17	" 17	Excelsior Foundry and Machine Shop of Delphos, Ohio .....
18	" 17	The Delaware Woolen Mills .....
19	" 20	Springfield Malleable Iron and Machine Co .....
20	" 20	Sandusky Car Works .....
21	" 23	The Maxon Eccentric Lifting Jack Co .....
22	" 26	Union Feed Mill Company .....
23	" 27	The Wabash Equipment Company .....
24	" 30	The Mansfield Woolen Mills .....
25	Feb. 2	Lewistown Reservoir Manufacturing Co .....
26	" 2	The Taylor and Faulkner Manufacturing Co. ....
27	" 5	Home Manufacturing Company .....
28	" 5	The Cleveland Burial Case Company .....
29	" 5	Defiance Hydraulic Cement Company .....
30	" 6	Portage Manufacturing Co .....
31	" 7	Newark and Straitsville Coal, Coke and Iron Co. ....
32	" 10	Defiance Woolen Manufacturing Co .....
33	" 10	The Corrugated Iron Fence Company .....
34	" 12	Newark Iron Company .....
35	" 14	Fremont Car Company .....
36	" 15	Martin's Ferry Nail Works .....
37	" 19	Telegraph Supply Manufacturing Co. ....
38	" 19	Delaware Soap Company .....
39	" 20	Columbus Chair Company .....
40	" 20	Athens Gas Light Company .....
41	" 21	Portsmouth Planing Mill and Manufacturing Lumber Co. ....
42	" 22	The Cameron Mixed Gloss Paint Co .....
43	" 24	The Chillicothe Foundry and Machine Works .....
44	" 27	Middleport Furniture Company .....
45	Mar. 5	The Tiffin Car Works .....
46	" 6	The Ohio Glass Company .....
47	" 11	The Muskingum Valley Manufacturing Company .....
48	" 11	Ohio Non-Explosive Lamp Company .....
49	" 12	Curtiss Indicator Company .....
50	" 14	Middlebury Clay Company .....
51	" 18	The Cleveland Paving Company .....
52	" 18	Pulitney Nail Works Company .....
53	" 20	The American Metallic Heel Company .....
54	" 23	Mead and Nixon Paper Company .....
55	" 28	The Garrettsville Manufacturing Company .....
56	" 30	Homestead Gas Works Manufacturing Co .....
57	April 1	Brownell and Kiehmier Manufacturing Co .....
58	" 1	The Sheet Metal Cigar Mould Company .....

*of filing certificates, location, purpose, amount of Capital Stock, number of to November 15, 1872.*

Location.	Purpose of Organization.	Amount of capital stock.	Number of shares.
Cleveland .....	Manufacture wrenches, &c. ....	\$10,000	400
Piqua .....	" car and machinery .....	100,000	2,000
Delpbos .....	" castings, mouldings, &c. ....	20,000	200
Zanesville .....	" flooring and build'g materials .....	25,000	250
Sciotoville .....	" fire brick, &c. ....	120,000	1,200
Cincinnati .....	" benzole .....	60,000	6,000
Dayton .....	" refrigerators, ice houses .....	40,000	400
Defiance .....	" agricultural implements, &c. ....	100,000	200
Salineville .....	" iron, &c. ....	150,000	1,500
Springfield .....	" agricultural implements, &c. ....	500,000	5,000
Cincinnati .....	" mantels and grates .....	150,000	300
Martinsville .....	" brick, tile and pottery .....	50,000	100
Portsmouth .....	" steel and iron .....	150,000	1,500
Steubenville .....	" iron, &c. ....	300,000	3,000
Cleveland .....	" architectural iron work .....	100,000	1,000
Cincinnati .....	" safes, vaults and locks .....	100,000	1,000
Delpbos .....	Doing general foundry business, &c. ....	20,000	200
Delaware .....	Manufacture of woolen goods .....	30,000	300
Springfield .....	" malleable iron, brass, &c. ....	100,000	1,000
Sandusky .....	" cars, &c. ....	200,000	2,000
Springfield .....	" lifting jacks .....	40,000	400
Cleveland .....	" union feed mills .....	30,000	600
Toledo .....	" engines, cars, &c. ....	20,000	200
Mansfield .....	" woolen goods, &c. ....	35,000	350
Lewistown Reservoir .....	" lumber, spokes, hubs, &c. ....	100,000	1,000
Cincinnati .....	" sash, doors, blinds, &c. ....	300,000	600
Lower Pomeroy .....	" carriages, wagons, &c. ....	20,000	200
Cleveland .....	" burial cases .....	200,000	2,000
Defiance .....	" hydraulic cement .....	50,000	100
Tiffin .....	" staves, barrels, &c. ....	50,000	1,000
Newark .....	" coke, iron, &c. ....	1,000,000	10,000
Defiance .....	" woolen goods .....	60,000	120
Fredericktown .....	" corrugated iron fence .....	20,000	200
Newark .....	" iron, &c. ....	120,000	240
Fremont .....	" cars, &c., &c. ....	200,000	2,000
Martin's Ferry .....	" nails, &c. ....	150,000	1,500
Cleveland .....	" telegraph supplies .....	50,000	500
Delaware .....	" soap, candles, &c. ....	100,000	1,000
Columbus .....	" chairs, furniture, &c. ....	40,000	400
Athens .....	" gas, &c. ....	30,000	1,200
Portsmouth .....	" building materials, &c. ....	50,000	500
Cincinnati .....	" Cameron mixed gloss paints .....	100,000	1,000
Chillicothe .....	" machinery and castings .....	50,000	500
Middleport .....	" furniture, &c. ....	50,000	500
Tiffin .....	" cars, &c. ....	1,000,000	10,000
Bellaire .....	" glass and glassware. [for tools .....	40,000	80
Zanesville .....	" vehicles, furnit're, appliances .....	100,000	1,000
Cleveland .....	" lamp, spun and pressed ware .....	100,000	1,000
Cleveland .....	" speed indicators and register .....	50,000	1,000
Middlebury .....	" potter's ware. [ing machines .....	20,000	200
Cleveland .....	" paving and flagging .....	50,000	500
Bellaire .....	" nails, &c. ....	150,000	200
Cincinnati .....	" metalic boot and shoe heels .....	50,000	100
Dayton .....	" paper .....	250,000	250
Garrettsville .....	" nuts, bolts, &c. ....	30,000	300
Cincinnati .....	" gas machines, &c. ....	50,000	500
Dayton .....	" machinery, &c. ....	200,000	400
Cincinnati .....	" cigar moulds, &c. ....	5,000	100

*Names of Companies Incorporated for Manufacturing*

Number.	Date of filing certificates.	Name of Company.
	1872.	
59	April	2 Aetna Iron and Nail Company .....
60	"	4 Buckeye Sewer Pipe Company .....
61	"	6 The Pomeroy Woolen Mills .....
62	"	11 Akron Straw Board Company .....
63	"	15 Cadiz Gas Company .....
64	"	16 Montgomery Manufacturing Company .....
65	"	17 Bellaire Window Glass Works .....
66	"	19 The Home Foundry and Machine Works .....
67	"	25 The Norwalk Tool Company .....
68	"	25 Monroeville Woolen Mills .....
69	"	26 Hopkins and Robinson Manufacturing Company .....
70	"	29 The Delphos Woolen Mills of Delphos, Ohio .....
71	May	8 Cincinnati Machinists Co-operative Association .....
72	"	4 Oliver Crook and Company .....
73	"	31 The Hazard Hame Company .....
74	June	3 Franklin Iron Company .....
75	"	4 Springfield Brick Manufacturing Co. ....
76	"	4 Great Western Bran Duster Co. ....
77	"	7 Gaylord Rolling Mill Company .....
78	"	8 Improved Stock Car Company .....
79	"	10 Columbus Composition Paving Company .....
80	"	12 Marietta Machinery and Car Works .....
81	"	14 Lake Erie Iron Company .....
82	"	21 Union Manufacturing Company .....
83	"	25 The Franklin Iron Company of Cleveland .....
84	"	26 Akron Forge Company .....
85	"	25 Washington Car Works .....
86	July	1 Bradley Chemical Paint and Oil Company .....
87	"	10 Higley Car Journal Company .....
88	"	12 The John Cooper Engine Manufacturing Co. ....
89	"	12 Louisville Woolen Mills .....
90	"	18 Tippecanoe City Malleable Iron and Foundry Co. ....
91	"	19 Dayton Leather and Collar Manufacturing Co. ....
92	"	22 Cabinet Maker's Union of Portsmouth, Ohio .....
93	"	22 Cincinnati Cement Felting Company .....
94	"	26 The Norwalk Shoe Company .....
95	"	26 The Lima Bagging Mills .....
96	"	29 The La Belle Glass Works .....
97	Aug.	2 The Summit Paper Company .....
98	"	2 The Troy Spring Wagon and Wheel Works .....
99	"	3 The Valley Forge and Bolt Works .....
100	"	5 The Cincinnati Coffin Company .....
101	"	6 Valley Gas Company .....
102	"	7 Girard Rolling Mill Company .....
103	"	7 J. K. O'Neil and Company .....
104	"	15 The Hock Hocking Wine Company .....
105	"	15 The Union Flouting Mills of Delphos, Ohio .....
106	"	17 The Van Wert Machine Company .....
107	"	19 Shafting File Company .....
108	"	20 Cincinnati Joint Stock Co., for the manufacture of boots and shoes .....
109	"	21 The Franklin Iron Company of Cleveland .....
110	"	22 The Ohio Bent Work Company .....
111	"	27 Coshoeton Gas Light and Coke Company .....
112	"	30 Portsmouth Foundry and Machine Works .....



*Purposes, with date of filing certificates—Continued.*

Location.	Purpose of Organization.	Amount of capital stock.	Number of shares.
Belmont county .....	Manufacture of iron, steel, nails, &c .....	200,000	200
Middlebury .....	" stoneware and sewer pipe .....	100,000	200
Pomeroy .....	" woolen fabrics .....	100,000	2,000
Middlebury .....	" straw board and paper .....	150,000	300
Cadiz .....	" gas .....	16,000	327
Cleveland .....	" sash elevators, locks, &c .....	25,000	500
Bellaire .....	" window and other glass .....	100,000	200
Cambridge .....	" moulding and making machinery .....	25,000	250
Norwalk .....	" tools and machinery .....	50,000	500
Monroeville .....	" woolen goods .....	100,000	100
Akron .....	" agricultural implements, &c .....	50,000	500
Delphos .....	" woolen goods .....	30,000	300
Cincinnati .....	" machinery and foundry ware .....	100,000	1,000
Dayton .....	" medicines .....	150,000	1,500
Cleveland .....	" hames and harness goods .....	100,000	1,000
Columbus .....	" pig metal and other iron and steel .....	200,000	2,000
Springfield .....	" brick and tile .....	100,000	1,000
Hamilton .....	" bran dusters .....	100,000	200
Portsmouth and Cincinnati .....	" iron and steel .....	600,000	6,000
Columbus .....	" cars for transporting stock, &c .....	1,000,000	10,000
Columbus .....	" composition pavement .....	10,000	100
Marietta .....	" machinery and railroad cars .....	70,000	700
Cleveland .....	" iron of all kinds .....	500,000	5,000
Toledo .....	" wood and iron ware .....	50,000	500
Cleveland .....	" iron .....	150,000	1,500
Akron .....	" iron .....	150,000	300
Harmar .....	" railroad cars .....	100,000	200
Cleveland .....	" chemical paints and oils .....	100,000	1,000
Cleveland .....	" railroad cars and car machinery .....	200,000	2,000
Cleveland .....	" engines and machinery .....	150,000	1,500
Mount Vernon .....	" .....	12,500	250
Louisville .....	" woolen goods .....	30,000	300
Tippecanoe .....	Doing general foundry business, &c .....		
Dayton .....	Manufacturing leather and horse collars, &c .....	80,000	800
Portsmouth .....	Manufacture of all kinds of furniture, &c .....	35,000	350
Cincinnati .....	" cement felting .....	25,000	250
Norwalk .....	" boots and shoes .....	50,000	500
Lima .....	" flax and hemp bagging .....	50,000	250
Bridgeport tp. Belmont co .....	" glass ware, moulds, tools, &c .....	200,000	2,000
Lockington .....	" paper .....	60,000	120
Troy .....	" wagons, wheels, and bent work .....	60,000	600
Steubenville .....	" iron, bolts, rivets, &c .....	200,000	200
Cincinnati .....	" wooden coffins .....	100,000	1,000
Wellsville .....	" gas .....	50,000	1,000
Girard .....	" pig and other kinds of iron .....	100,000	1,000
Canton .....	" agricultural implements .....	50,000	500
Lancaster .....	" wine from grapes .....	50,000	500
Delphos .....	" flour and meal .....	50,000	500
Van Wert .....	" steam engines, circular saws, &c .....	100,000	1,000
Columbus .....	" cast steel files .....	50,000	1,000
Cincinnati .....	" boots and shoes .....	25,000	250
Cleveland .....	" iron .....	150,000	1,500
Columbus .....	" carriage and wagon wheel work, &c .....	50,000	500
Coshocton .....	" gas and coke .....	25,000	500
Portsmouth .....	Carrying on general foundry and machine works .....	133,000	1,380

*Names of Companies Incorporated for Manufacturing*

Number.	Date of filing certificate.	Name of Company.
	1872.	
113	Aug. 31	Ludlow Improved Balance Gate Company.....
114	Sept. 4	Wapakoneta Spoke and Wheel Company.....
115	" 6	Bellaire Central Glass Company .....
116	" 9	John Shull Lumber Manufacturing Co .....
117	" 11	Buck Manufacturing Company .....
118	" 20	Stark Manufacturing Company .....
119	" 21	The McGregor Lock and Builder's Hardware Manufacturing Co .....
120	" 21	The Bovey Queen City Pressed Brick Company.....
121	" 21	Gallipolis Stock Brewery .....
122	Oct. 1	Gregg Brick Manufacturing Company of Ohio.....
123	" 2	Cleveland Rubber Company .....
124	" 15	Murphy, Sherwin and Company.....
125	" 19	Hewett Improved Wrench Company .....
126	" 25	Pultney Car Company.....
127	" 26	Akron Wire Company.....
128	" 26	Greenville Agricultural and School Furniture Works .....
129	Nov. 2	Revolving Scraper Company.....
130	" 4	Nicholson Engine Company.....
131	" 8	Matamoras Foundry Company.....
132	" 11	Niles Iron Company.....
133	" 14	Union Iron Works.....
134	" 15	Wadsworth Spring Bed Bottom Manufacturing Co.....

*Purposes, with date of filing certificates—Continued.*

Location.	Purpose of Organization.	Amount of capital stock.	Number of shares.
Auburn .....	Manufacturing Ludlow's improved balance gate .....	\$25,000	500
Wapakoneta.....	Manufacturing wheels, spokes and bent timber .....	50,000	500
Bellaire .....	Manufacturing glass .....	40,000	400
Findlay .....	" doors blinds, sash mouldings, &c .....	50,000	100
Findlay .....	" articles of wood and iron .....	50,000	100
Alliance .....	" mowing, reaping and thrashing machines, plows, &c. ....	200,000	2,000
Cincinnati.....	" iron locks and general builder's hardware .....	50,000	500
Cincinnati.....	" brick and machinery for making brick .....	1,000,000	1,000
Gallipolis.....	" malt, ale and beer .....	20,000	400
Conneaut.....	" brick .....	500,000	5,000
Cleveland .....	" rubber and rubber goods .....	300,000	3,000
Cleveland .....	" of oils, Japans and varnishes .....	150,000	1,500
Cincinnati.....	" Hewett improved wrench and other metallic work .....	100,000	1,000
Bellaire City .....	" railroad cars and other articles of wood and iron .....	50,000	1,000
Tallmadge tp., Summit co	" iron and other metallic wire and wire goods .....	50,000	100
Greenville .....	" agricultural implements and school furniture .....	75,000	150
Columbus .....	" revolving scraper .....	50,000	500
Cleveland .....	" steam engines, boilers and machinery generally .....	25,000	1,000
Washington county .....	" plows, stoves, fencing and agricultural implements .....	8,000	160
Niles .....	" iron .....	500,000	5,000
Bellaire .....	" bar iron, nails and other articles made from iron .....	450,000	900
Wadsworth .....	" spring bed bottoms and spring mattresses &c .....	10,000	100
	Total capital stock .....	\$17,554,500	.....

*Names of Railroad Companies incorporated, with date of filing certificates, stock, from November 15,*

Number.	Date of filing certificates.	Name of Company.
1871.		
1	Nov. 16	The Fremont and Sandusky R'y Co .....
2	" 24	The Piqua and North Western R'y Co .....
3	" 28	The Baltimore, Pittsburg and Continental R. R. Co.....
4	Dec. 6	Harrison Branch R. R. Co.....
5	" 16	Dayton and South Eastern R. R. Co.....
6	" 16	The Farmer's and Miner's R. R. Co.....
7	" 18	Zanesville and Marietta R. R. Co.....
8	" 19	Wheeling and Tuscarawas Valley R'y Co.....
9	" 20	Elyria and Black River R'y Co.....
10	" 26	Fremont and Put-in-Bay R. R. Co.....
1872.		
11	Jan. 16	Ohio and Kentucky R. R. Co.....
12	" 25	Muskingum and Ferrara Mineral R. R. Co.....
13	" 27	The Lake Erie, Wooster and Muskingum Valley R'y Co.....
14	" 29	Mineral Trunk R'y Co.....
15	Feb. 2	Toledo and Maumee R. R. Co .....
16	" 15	The Cleveland and Youngstown R'y Co .....
17	" 20	The Marietta and Muskingum Valley R. R. Co.....
18	" 21	North Western Ohio R'y Co.....
19	" 21	Columbus, Bellefontaine and Michigan R. R. Co .....
20	" 28	Cincinnati and Terre Haute R'y Co .....
21	Mar. 4	Toledo and South Western R. R. Co.....
22	" 7	The New York and Chicago Air Line R'y Co .....
23	" 8	The Junction R'y Co .....
24	" 13	Baltimore, Pittsburg and Chicago R'y Co., (Ohio Division) .....

*termini, counties through which the roads are to pass, and amount of capital 1871, to November 15, 1872.*

Termini of road.	Counties through which the railroad passes.	Amount of capital stock.
Fremont and Sandusky .....	Sandusky and Erie.....	\$500,000
Piqua and St. Mary's.....	Miami, Shelby and Anglaize.....	400,000
Point on Penna. line in Unity Tp., Columbiana Co., and point on In- diana line in Liberty Tp., Mercer Co .....	Columbiana, Stark, Carroll, Tuscarawas, Wayne, Holmes, Ashland, Richland, Morrow, Marion, Hardin, Anglaize and Mercer .....	1,000,000
Harrison and Valley Junction .....	Hamilton .....	200,000
Dayton and Gallipolis.....	Montgomery, Greene, Fayette, Ross, Vin- ton, Jackson and Gallia .....	1,000,000
Urbana and McArthur .....	Champaign, Madison, Clarke, Pickaway, Ross, Hocking and Vinton.....	1,000,000
Zanesville and Marietta.....	Muskingum, Guernsey, Noble and Wash- ington .....	500,000
Mill Tp., Tuscarawas Co., Pease Tp., Belmont Co.....	Belmont, Harrison and Tuscarawas.....	2,000,000
Black River Tp., Lorain Co., and Elyria.....	Lorain .....	200,000
Fremont and Catawba Island Tp., Ottawa Co .....	Sandusky and Ottawa .....	100,000
Lancaster and a point on Ohio river in Brown county.....	Fairfield, Pickaway, Ross, Pike, Highland, Adams and Brown .....	2,000,000
Malta and Ferrara .....	Morgan and Perry .....	250,000
Black River and Zanesville.....	Lorain, Cuyahoga, Medina, Wayne, Holmes, Coshocton, Guernsey and Muskingum..	500,000
Ferrara and New Lexington.....	Perry .....	3,000,000
Toledo and Maumee City.....	Lucas .....	250,000
Cleveland and Penna. line, Poland Tp., Mahoning Co .....	Cuyahoga, Summit, Portage, Trumbull, and Mahoning.....	3,000,000
Marietta and Zanesville.....	Washington, Morgan and Muskingum...	600,000
Indiana line, Hicksville Tp., Defiance Co., and Michigan line, Gorham Tp., Fulton Co.....	Defiance, Williams and Fulton .....	400,000
Columbus and Michigan line, Wil- liams Co.....	Franklin, Union, Logan, Anglaize, Allen, Putnam, Defiance and Williams .....	5,000,000
Cincinnati and Indiana line, in Ham- ilton Co .....	Hamilton .....	1,000,000
Toledo and Indiana line, in Van Wert Co.....	Lucas, Wood, Henry, Putnam, Paulding and Van Wert .....	400,000
West line of Ohio in Paulding Co., to State line between Trumbull and Mahoning Co.....	Paulding, Defiance, Henry, Wood, Han- cock, Seneca, Huron, Lorain, Ashland, Medina, Summit, Portage, Trumbull and Mahoning .....	5,000,000
From a point in Manhattan Tp., to Toledo, all in Lucas Co.....	Lucas .....	200,000
Poland Tp., Mahoning Co., and Hicksville Tp., Defiance Co.....	Mahoning, Trumbull, Portage, Summit, Medina, Lorain, Huron, Seneca, Han- cock, Wood, Henry and Defiance .....	3,000,000

*Names of Railroad Companies incorporated, with date of filing*

Number.	Date of filing certificates.	Name of Company.
	1872.	
25	Mar. 14	The Toledo, Delphos and Indianapolis R'y Co.....
26	" 16	Youngstown and Chicago R'y Co.....
27	" 20	The Cincinnati and Milford R. R. Co.....
28	" 21	The Toledo, Delaware and Columbus R'y Co.....
29	" 21	The Old Town and Buck Horn Junction R'y Co.....
30	April 2	The Barnesville and Stillwater Valley R. R. Co.....
31	" 13	Mansfield and Wheeling R. R. Co.....
32	May 3	The Lima, Spencerville, Celina and State Line R. R. Co.....
33	" 3	The Dayton, Piqua and Toledo R'y Co.....
34	" 14	The Meigs County, Wilkesville, Jackson and Cincinnati R. R. Co.....
35	" 14	The Ohio and Toledo R. R. Co.....
36	" 18	The New York and Chicago Air Line R'y Co.....
37	" 22	The Newark, Delaware and North Western R'y Co.....
38	" 28	The Columbus and Toledo R. R. Co.....
39	" 28	The Columbus and Toledo R. R. Co.....
40	" 31	The Ohio Railway Company.....
41	June 4	Somerset and McConnelsville R. R. Co.....
42	" 5	Cincinnati and New York R'y Co.....
43	" 7	Bellaire, Woodsfield and Zanesville R. R. Co.....
44	" 13	Galion, Logansport and Chicago R. R. Co.....
45	" 15	Hamilton Branch of the Cincinnati and Terre Haute R'y.....
46	" 19	The Columbus and North-Western R'y Co.....
47	" 20	Toledo and State Line R. R. Co.....
48	" 25	The Piqua and North-Western Extension R'y Co.....
49	July 1	Painesville, Warren and Pittsburg R. R. Co.....
50	" 1	Youngstown and Canfield R. R. Co.....
51	" 11	Toledo, Kokomo and St. Louis R. R. Co.....



*certificates, termini, counties through which they pass, etc.—Continued.*

Termini of road.	Counties through which the railroad passes.	Amount of capital stock.
Toledo and West line of Mercer Co.	Lucas, Henry, Wood, Putnam, Allen, Van Wert and Mercer .....	\$1,000,000
Alliance and Youngstown .....	Stark and Mahoning .....	500,000
Cincinnati and Milford .....	Hamilton and Clermont .....	500,000
Toledo and Columbus .....	Lucas, Wood, Hancock, Wyandot, Hardin, Marion, Delaware and Franklin .....	1,000,000
New Philadelphia and Oxford Tp., Tuscarawas Co .....	Tuscarawas .....	100,000
Barnesville and Dennison .....	Belmont, Harrison and Tuscarawas .....	400,000
Mansfield and Pease Tp., Belmont Co .....	Richland, Ashland, Holmes, Tuscarawas, Coshocton, Harrison, Jefferson and Belmont .....	1,000,000
Lima, and a point in Liberty Tp., Mercer Co .....	Allen, Van Wert and Mercer .....	500,000
Dayton and Piqua .....	Montgomery and Miami .....	750,000
Pomeroy and Cincinnati .....	Meigs, Vinton, Jackson, Pike, Highland, Brown, Clermont and Hamilton .....	500,000
St. Clair Tp., Columbiana Co., and Oregon Tp., and Oregon Tp., Lucas Co .....	Columbiana, Carroll, Stark, Wayne, Medina, Lorain, Erie, Sandusky, Ottawa and Lucas .....	200,000
West line of Ohio in Williams Co., and point on east line of State, between Trumbull and Mahoning Co's .....	Williams, Henry, Wood, Sandusky, Seneca, Huron, Lorain, Medina, Summit, Portage, Trumbull and Mahoning .....	5,000,000
Newark and Williams Co .....	Licking, Delaware, Union, Hardin, Hancock, Allen, Putnam, Henry, Defiance and Williams .....	2,000,000
Columbus and Toledo .....	Franklin, Delaware, Marion, Wyandot, Seneca, Wood and Lucas .....	2,500,000
Columbus and Toledo .....	Franklin, Union, Hardin, Hancock, Wood and Lucas .....	2,500,000
Harrison Tp., Paulding Co., and Poland Tp., Mahoning Co .....	Paulding, Putnam, Hancock, Seneca, Huron, Ashland, Lorain, Medina, Summit, Portage and Mahoning .....	100,000
Somerset and McConnellsville .....	Perry, Muskingum and Morgan .....	800,000
Cincinnati and Springfield .....	Hamilton, Butler, Warren, Montgomery, Greene and Clarke .....	3,000,000
Bellaire and Zanesville .....	Belmont, Monroe, Noble, Guernsey and Muskingum .....	300,000
Wabash City and Galion .....	Crawford, Wyandot, Hardin, Auglaize and Mercer .....	2,000,000
Harrison and Loveland .....	Hamilton, Butler, Warren and Clermont .....	1,500,000
Columbus and a point in Williams Co .....	Franklin, Union, Logan, Hardin, Auglaize, Allen, Putnam, Defiance and Williams .....	4,000,000
Toledo and dividing line between Washington and Manhattan Tp..	Lucas .....	100,000
St. Mary and Delphos .....	Auglaize, Allen and Van Wert .....	1,000,000
Painesville Tp., Lake Co., and Ashtabula Tp., Ashtabula Co .....	Lake and Ashtabula .....	100,000
Youngstown and Canfield Tp., Mahoning Co .....	Mahoning .....	200,000
Toledo and west line of Paulding Co .....	Lucas, Wood, Henry, Defiance and Paulding .....	1,000,000

*Names of Railroad Companies incorporated, with date of filing*

Number.	Date of filing certifi- cates.	Name of Company.
	1872.	
52	July 12	Zanesville, Frazesburg and Loudonville R'y Co.....
53	" 30	The Stillwater Valley R'y Co.....
54	Aug. 10	Shenango Valley, Youngstown and Chicago R'y Co.....
55	" 28	Cleveland, Ottawa and St. Louis R. R. Co .....
56	Sept. 3	New Lisbon and Salineville R. R. Co .....
57	" 9	The Del Carbo R. R. Co .....
58	" 10	The Niles and Canfield R. R. Co.....
59	Oct. 2	Lake Erie and Elyria R'y Co.....
60	" 5	Toledo and Columbus R. R. Co.....
61	Nov. 14	The Mansfield and Tuscarawas Valley R. R Co .....
62	" 15	Shawnee and Millerstown R. R. Co.....

*certificates, termini, counties through which they pass, etc.*—Continued.

Termini of road.	Counties through which the railroad passes.	Amount of capital stock.
Zanesville and Loudonville.....	Muskingum, Licking, Coshocton, Knox, Holmes and Ashland .....	\$500,000
Covington and Van Wert... ..	Miami, Darke, Van Wert and Mercer.....	500,000
Alliance and Hubbard Tp., Mahoning Co.....	Stark, Mahoning and Trumbull.....	1,000,000
Ottawa and Cleveland .....	Putnam, Hancock, Seneca, Huron, Lorain and Cuyahoga .....	2,000,000
New Lisbon and Salineville .....	Columbiana .....	150,000
Newton Tp., Muskingum Co. and Newark .....	Muskingum and Licking .....	100,000
Niles and Canfield .....	Trumbull and Mahoning .....	100,000
Black River and Elyria .....	Lorain .....	150,000
Toledo and Columbus.....	Lucas, Wood, Hancock, Hardin, Union and Franklin .....	500,000
Mansfield and Newcomerstown ...	Richland, Ashland, Holmes, Coshocton and Tuscarawas .....	50,000
Shawnee and Millerstown .....	Perry .....	300,000
Total capital stock .....		69,400,600

*Names of companies incorporated for mining purposes, with date of filing  
November 15, 1871,*

Number.	Date of filing certifi- cate.	Name of Company.
1871.		
1	Nov. 18	The Hartford Coal and Salt Co. of Washington.....
2	" 27	Ohio Stone Company.....
3	Dec. 20	Pipe Creek Coal and Iron Company.....
4	" 28	Trimble Mining Company.....
5	" 28	Dover Mining Company.....
1872.		
6	Jan. 3	Atlantic and Lake Erie Coal Company.....
7	" 10	Carbon Hill Mining Company.....
8	" 17	Capital City Coal and Coke Company.....
9	" 25	Canton Mining Company.....
10	" 26	Stearns Stone Company.....
11	Feb. 9	Wise Coal Company.....
12	" 9	Newark and Shawnee Coal and Iron Mining Company.....
13	" 17	Hocking Valley Co-operative Mining Company.....
14	" 20	Marietta Silver Mining Company.....
15	" 28	Ferrara Mining Company.....
16	" 28	Moxahalla Mining Company.....
17	" 28	Perry County Mining Company.....
18	Mch. 13	Steele Coal Company.....
19	" 28	Forest City Amherst Stone Company.....
20	April 12	Valley Mining Company.....
21	" 13	Lake Shore Stone Company.....
22	" 16	Plummer Hill Coal Company.....
23	" 19	The Toledo-Utah Silver Mining and Smelting Company.....
24	" 29	The Black River Stone Quarry Company.....
25	May 1	The Ohio Coal Company.....
26	" 8	Empire Coal Company.....
27	" 15	The Constitution Stone Company of Ohio.....
28	" 23	Fairfield Coal Oil Company.....
29	" 25	Oberlin Coal and Mining Company.....
30	" 27	The Sunday Creek Coal and Iron Company.....
31	June 4	The Buckeye Valley Mining Company.....
32	" 7	Ogontz Silver Mining Company.....
33	" 7	Capital Coal and Ore Mining Company.....
34	" 7	North Shore Silver Mining Company.....
35	" 12	MacGregor and Thunder Bay Silver Mining Company.....
36	" 13	The Junction City Iron Company.....
37	" 14	The Union Coal Company.....
38	" 22	Strouston and Pittsburgh Iron Manufacturing, Coal and Mining Company.....
39	July 9	Horace Craine Freestone Company.....
40	" 9	The Black Diamond Mining Company.....
41	" 18	Massillon Coal Mining Company.....
42	" 19	The Wyoming Silver Mining Co. of Cincinnati.....
43	" 20	The Monday Creek Valley Mining Company.....
44	" 27	Card and Upson Coal Company.....

# SECRETARY OF STATE.

*certificates, location of mines, purpose, capital stock and No. of shares, from to November 15th, 1872.*

Location of Mines.	Purpose of organization.	Amount of capital stock.	Number of Shares
Guernsey county.....	Mining coal, &c.....	\$25,000	25
Amherst, Ohio.....	Quarrying and manufacturing stone.....	100,000	2,000
Pipe Creek.....	Mining coal, ores, iron, &c.....	200,000	2,000
Trimble, Athens county.....	Mining coal, iron ore, &c.....	500,000	1,000
Milfield, Athens county..	" " ".....	500,000	1,000
Perry county.....	" " ".....	1,000,000	20,000
Perry county.....	" " ".....	1,000,000	20,000
Athens county.....	Mining coal, manufacturing same, &c.....	500,000	5,000
Canton, Ohio.....	Mining.....	150,000	1,500
Berea O.....	Quarrying stone, &c.....	30,000	30
Trumbull and Mahoning counties.....	Mining coal, ores, &c.....	63,000	126
Perry county.....	" " ".....	300,000	3,000
Athens, Hocking and Perry counties.....	" " ".....	50,000	500
Colorado Territory.....	Mining gold, silver, &c.....	100,000	1,000
Perry county.....	Mining coal, ores, &c.....	1,000,000	20,000
Perry county.....	" " ".....	1,000,000	20,000
Perry county.....	" " ".....	1,000,000	20,000
Trumbull county.....	" " ".....	200,000	100
Lorain county.....	Quarrying stone, &c.....	100,000	1,000
Summit and Stark counties.....	Mining coal, ores, &c.....	300,000	3,000
Berea, Ohio.....	Quarrying stone, &c.....	30,000	30
New Straitsville, Ohio.....	Mining coal, &c.....	225,000	2,250
Utah Territory.....	Mining and smelting silver and other ores.....	4,000,000	40,000
Grafton.....	Quarrying and manufacturing stone.....	200,000	4,000
Coshocton and other counties.....	Mining coal, ores, &c.....	100,000	1,000
Columbiana county.....	" " ".....	200,000	2,000
Washington county.....	Quarrying and manufacturing stone.....	100,000	1,000
Fairfield county.....	Boring for oil and other mineral fluids.....	10,000	40
Portage and Stark counties.....	Mining coal, ore, &c.....	200,000	4,000
Perry, Licking and Lucas counties.....	" " ".....	500,000	10,000
Perry county.....	Min'g for ores & min'als, and smelting same.....	300,000	6,000
Ontario, Canada.....	" " ".....	250,000	5,000
Hocking and Athens counties.....	" " ".....	112,000	1,120
Ontario, Canada.....	" " ".....	250,000	5,000
Ontario, Canada.....	" " ".....	500,000	10,000
Perry county.....	" " ".....	250,000	2,500
Belmont county.....	Mining coal and manufacturing the same.....	150,000	1,500
Columbiana county.....	Mining coal, ore, and other minerals, and manufacturing same.....	200,000	2,000
Scioto county.....	Quarrying and manufacturing freestone.....	25,000	250
Washington, Gallia, Meigs, Athens, Lawrence and other counties.....	[same].....		
Stark county.....	Mining coal, ores, &c., and manufacturing.....	50,000	1,000
Utah Territory.....	Mining coal, ores, &c.....	60,000	1,200
Utah Territory.....	Mining silver and other ores and reducing the same.....	100,000	200
Perry, Hocking and Athens counties.....	Mining coal, ores, and other minerals.....	1,000,000	10,000
Perry county.....	Mining coal, ores, and other minerals, and manufacturing same.....	300,000	3,000

*Mining Companies*

Number.	Date of filing certifi- cate.	Name of Company.
45	July 29	The Snow Fork Coal and Mining Company .....
46	Aug. 15	Straitsville Central Mining Company .....
47	" 23	Ewing Coal and Salt Company .....
48	" 28	Amherst Stone Company .....
49	Sept. 3	Austin Flag Stone Company .....
50	" 6	The Warren Coal and Iron Company .....
51	" 7	The Malta Coal and Iron Company .....
52	" 13	The Zanesville Coke Company .....
53	" 17	The Right Branch Coal and Mining Company .....
54	" 18	Ilaskell and Weller Utah Mining Company .....
55	Oct. 17	The Hemlock Coal and Iron Mining Company .....
56	" 28	The Hardy Coal Company .....
57	Nov. 7	Eagle Fire Brick Company .....



*Incorporated—Continued.*

Location of Mines.	Purpose of Organization.	Amount of capital stock.	Number of Shares.
Hocking and Athens counties.....	Mining coal, ores, and other minerals, and manufacturing same.....	\$200,000	200
Perry county.....	Mining coal, ores, and other minerals, and manufacturing same.....	500,000	5,000
Athens county.....	Mining coal, ores, and other minerals, and manufacturing same.....	200,000	200
Amherst.....	To quarry, mine, and manufacture stone..	200,000	4,000
Trumbull county.....	“ “ “ “ “ “	150,000	1,500
Columbiana county.....	Mining stone coal and iron ore.....	50,000	500
Morgan and Perry counties.....	Mining coal and ore, fire clay, &c.....	500,000	10,000
Perry, Licking, Coshocton and Guernsey counties.....	Mining, purifying, and coking coal.....	50,000	100
Perry and Hocking counties.....	Mining coal, ores, and manufacturing same.....	200,000	200
Utah Territory.....	Mining silver and other mineral ores.....	4,000,000	40,000
Perry county.....	Mining coal, ores, and other minerals.....	400,000	4,000
Holmes county.....	“ “ “ “ “ “	150,000	1,500
Columbiana county.....	Mining fire clay and other minerals.....	50,000	500
	Total capital stock.....	\$23,880,000	

*Names of Building and Loan Associations incorporated, with date of filing,  
November 15, 1871, to*

umber.	Date of filing certifi- cate.	Name of Association.
	1871.	
1	Nov. 29	The Citizen's Saving and Loan Association .....
2	" 29	Capital Building and Loan Association .....
	1872.	
3	Jan. 1	The Carrollton Building and Loan Association .....
4	" 10	Ravenna Savings and Loan Association .....
5	" 15	Home Building Association, No. Two, of Cincinnati, Ohio .....
6	" 25	The Harveysburg Building and Loan Association .....
7	" 30	Irontdale Building and Loan Association .....
8	Feb. 7	Clarksville Building and Loan Association .....
9	" 8	Portsmouth Building and Loan Association .....
10	" 9	The Ashtabula Loan Association .....
11	" 14	The Woodstock Building and Loan Association .....
12	" 19	Middleport Building and Loan Association .....
13	" 22	The Minerva Loan and Building Association .....
14	" 22	Xenia Building and Loan Association .....
15	" 23	Felicity Saving and Loan Association .....
16	" 26	The Manufacturer's Loan Association .....
17	March 4	Franklin Savings and Loan Association .....
18	" 4	Sloan's Station Real Estate and Building Loan Association .....
19	" 8	The Security Building and Loan Association of Cincinnati, Ohio .....
20	" 13	The Land and Building Association of Milford, Clermont county, Ohio .....
21	" 13	Miami Building and Loan Association of Xenia .....
22	" 13	Citizen's Saving and Loan Association .....
23	" 21	Merchants' and Mechanics' Loan Association of Cincinnati, Ohio .....
24	" 25	The Millcreek Valley Building and Savings Association, No. 3 .....
25	" 26	Cottage Hill Land and Building Association of Hamilton county, Ohio .....
26	April 8	Malvern Land, Loan and Building Society .....
27	" 11	The Railroad Loan and Building Association .....
28	" 18	The Home Building and Loan Association .....
29	" 23	McConnelsville Building and Savings Association .....
30	" 25	Camp Dennison Building Association of Hamilton county, Ohio .....
31	" 25	Merchants' Building Association of Martin's Ferry .....
32	" 27	The Mechanics' Loan and Building Association of Lima, Allen county, Ohio .....
33	" 30	The Valley Building and Loan Association .....
34	" 29	Providence Savings and Building Loan Association .....
35	" 30	Enterprise Building and Loan Association of Xenia, Ohio .....
36	May 4	Marysville Building and Loan Association .....
37	" 10	Gallipolis Central Building and Loan Association .....
38	" 11	The Concord Building and Loan Association .....
39	" 24	The Germantown Building and Savings Association of Germantown .....
40	June 1	Co-operative Land and Building Association of Oakley, Hamilton co., Ohio .....
41	" 4	The Jackson Building and Loan Association .....
42	" 6	The Security Loan and Building Association of Harrison, Ohio .....
43	" 8	Franklin Loan and Building Association of Cincinnati, Hamilton co., Ohio .....
44	July 10	Fulton Building and Savings Association, No. 2, of Cincinnati, Ohio .....
45	" 13	Home Building Association, No. 3, of Cincinnati .....
46	" 19	Malta Building, Savings and Loan Association .....
47	Aug. 9	The Citizen's Building Association of Galion, Ohio .....
48	Sept. 6	The Girard Savings and Loan Association .....
49	" 10	Home Security, Building and Loan Association of Cincinnati, Ohio .....
50	" 14	Oakley Land Company of Hamilton county, Ohio .....
51	" 27	National Building Association .....
52	" 28	Peoples' Loan Association of Cincinnati .....
53	" 30	The American Depository and Permanent Benefit Loan and Building Society of Cincinnati, Ohio .....
54	" 30	Toledo Co-operative Land Association .....
55	Oct. 22	Goshen Building and Loan Association .....

# SECRETARY OF STATE.

*certificates, location, amount of capital stock and number of shares, from November 15, 1872.*

Location.	Amount of capital stock.	No. of shares.
Niles, Trumbull county .....	\$100,000	200
Columbus, Franklin county .....	500,000	2,500
Carrollton, Carroll county .....	60,000	300
Ravenna, Portage county .....	100,000	200
Cincinnati, Hamilton county .....	600,000	2,000
Warren county .....	100,000	500
Irontdale, Jefferson county .....	200,000	1,000
Clarksville, Clinton county .....	100,000	5,000
Portsmouth, Scioto county .....	300,000	1,500
Ashtabula, Ashtabula county .....	100,000	200
Woodstock, Champaign county .....	75,000	375
Middleport, Meigs county .....	300,000	1,500
Minerva, Stark county .....	100,000	500
Xenia, Greene county .....	200,000	1,000
Felicity, Clermont county .....	100,000	500
Ashtabula, Ashtabula county .....	100,000	400
Earlville, Portage county .....	100,000	200
Newburg, Jefferson county .....	100,000	1,000
Cincinnati, Hamilton county .....	1,275,000	3,000
Milford, Clermont county .....	150,000	500
Xenia, Greene county .....	500,000	250
Akron, Summit county .....	150,000	150
Cincinnati, Hamilton county .....	600,000	1,500
Cummins ville, Hamilton county .....	400,000	2,000
Cincinnati, Hamilton county .....	100,000	400
Malvern, Carroll county .....	100,000	500
Cincinnati, Hamilton county .....	875,000	2,500
Portsmouth, Scioto county .....	400,000	2,000
McConnelsville, Morgan county .....	200,000	1,000
Camp Dennison, Hamilton county .....	120,000	300
Martin's Ferry, Belmont county .....	200,000	1,000
Lima, Allen county .....	200,000	1,000
Youngstown, Mahoning county .....	400,000	2,000
Toledo, Lucas county .....	300,000	1,500
Xenia, Greene county .....	200,000	1,000
Marysville, Union county .....	175,000	880
Gallipolis, Gallia county .....	200,000	1,000
Troy, Miami county .....	300,000	1,500
German town, Montgomery county .....	75,000	375
Cincinnati, Hamilton county .....	250,000	100
Jackson, Jackson county .....	300,000	1,500
Harrison, Hamilton county .....	425,000	1,000
Cincinnati, Hamilton county .....	1,000,000	2,500
Cincinnati, Hamilton county .....	300,000	1,000
Cincinnati, Hamilton county .....	1,000,000	500
Malta, Morgan county .....	100,000	500
Galion, Crawford county .....	300,000	1,500
Girard, Trumbull county .....	100,000	100
Cincinnati, Hamilton county .....	2,000,000	4,000
Cincinnati, Hamilton county .....	25,000	25
Bellaire City, Belmont county .....	150,000	750
Cincinnati, Hamilton county .....	950,000	425
Cincinnati, Hamilton county .....	1,000,000	2,000
Toledo, Lucas county .....	10,000	400
Mechanicsburg, Champaign county .....	100,000	1,000
Total capital stock .....	\$18,166,000	

*Building and Loan Associations—*

Number.	Date of filing certificate.	Name of Association.
	1872.	
1	April 18	Coshocton Savings and Building Loan Association .....
2	" 26	Ohio Building and Savings Association of Dayton, Ohio .....
3	" 30	The Dayton Building Association No. 1 .....
4	May 17	Concordia Building Association .....
5	" 20	Oregon Building Association of Dayton .....
6	" 23	The Defiance Mutual Land and Building Association .....
7	June 12	Home Savings, Land and Building Loan Society .....
8	" 13	Dayton Building and Savings Association .....
9	Aug. 19	Miami Building and Savings Association of Dayton, Ohio .....
10	Oct. 9	The Greenville Building and Savings Association of Greenville, Ohio .....

*Names of Street Railroad Companies incorporated, with date of filing, certifi-  
November*

Number.	Date of filing certificate.	Name of Company.
	1871.	
1	Dec. 16	Dayton View Street Railroad Company, .....
	1872.	
2	Jan. 23	The Oak Street Railway Company .....
3	Feb. 3	Sandusky Street Railroad Company .....
4	" 12	The Pomeroy and Middleport Street Car Line Company .....
5	" 20	Washington Street and Soldiers' Home Street Railroad Company .....
6	Mar. 2	South Side Street Railroad Company .....
7	" 5	Pomeroy and Syracuse Street Car Line Company .....
8	April 23	Glenwood and Greenlawn Street Railway Company .....
9	May 31	The Walnut Hills and Cincinnati Street Passenger Railroad Company .....
10	June 14	The East Cleveland and Collamer Street Railroad Company .....
11	" 10	The City Park Street Railroad Company of Toledo .....
12	July 17	Lagrange Street Railroad Company of Toledo .....
13	" 29	The Cincinnati and Pleasant Ridge Passenger Railroad Company .....
14	Aug. 5	The East and West End Street Railroad Company .....

Continued—*Amended Certificates.*

Location.	Amount of capital stock.	No. of shares.
Coshocton, Coshocton county.....	\$200,000	1,000
Dayton, Montgomery county.....	500,000	2,500
Dayton, Montgomery county.....	312,500	2,500
Dayton, Montgomery county.....	300,000	2,000
Dayton, Montgomery county.....	300,000	1,500
Defiance, Defiance county.....	160,000	800
Akron, Summit county.....	400,000	2,000
Dayton, Montgomery county.....	500,000	2,500
Dayton, Montgomery county.....	325,000	2,500
Greenville, Darke county.....	200,000	1,000
Total capital stock.....	\$3,197,000	

*ates, location, and amount of capital stock, from November 15, 1871 to 1, 1872.*

Location.	Amount of capital stock..
Dayton.....	\$35,000
Columbus.....	20,000
Sandusky.....	40,000
Pomeroy and Middleport.....	75,000
Dayton.....	50,000
Cleveland.....	100,000
Pomeroy and Syracuse.....	50,000
Columbus.....	50,000
Cincinnati.....	300,000
Cleveland.....	50,000
Toledo.....	30,000
".....	30,000
Woodburn and Pleasant Ridge.....	100,000
Cincinnati.....	500,000
Total capital stock.....	\$1,430,000



*Names of Turnpike Companies incorporated, with date of filing certificates, to November*

Number.	Date of filing certificate.	Name of Company.
	1872.	
1 Feb.	9	The Lewisville and Deer Creek Turnpike Road Company .....
2 "	9	Groveport and Madison Township Turnpike Company .....
3 May	21	Chillicothe and Richmondale Turnpike Company .....
4 "	28	Sycamore Avenue Turnpike Company .....
5 June	12	The Barnesville and Hendrysburgh Turnpike Company .....
6 Oct.	18	Portsmouth and Columbus Turnpike Company, (accepting provisions of act of March 28, 1861) .....
7 Nov.	8	West Union and Jacksonville Turnpike Road .....

*Names of Printing and Publishing Companies incorporated, with date of filing certificates, from January 15, 1871, to*

Number.	Date of filing certificate.	Name of Company.
	1871.	
1 Nov.	29	United States Publishing, Advertising and Distributing Company .....
2 Dec.	12	Tippecanoe Printing Works .....
3 "	18	The Cincinnati Star Publishing Company .....
	1872.	
4 Jan.	6	The Insurance Index Printing Company .....
5 "	23	Martin's Ferry Printing and Publishing Company .....
6 April	8	The Celtic Index Publishing Company .....
7 May	8	The Napoleon Printing Company .....
8 July	29	The Standard Publishing Company .....
9 Aug.	8	New Lexington Publishing Company .....
10 "	14	The Cleveland Anzeiger Printing Company .....
11 "	15	Merchants' Excelsior Steam Printing Works .....
12 Nov.	12	Ironton Journal Company .....

*Names of Insurance Companies incorporated, with date of filing certificates, 1871, to November*

Number.	Date of filing certificate.	Name of Company.
	1871.	
1 Nov.	22	Mercantile Insurance Company .....
	1872.	
2 Jan	22	The Fidelity Insurance Company of Cincinnati .....
3 April	9	The Farmers' Home .....



*counties where located, termini, and capital stock, from November 15, 1871, 15, 1872.*

Location.	Termini.	Capital stock.
Ross county .....	Lewisville and Deer Creek .....	\$4,000
Pickaway and Franklin counties.....	Groveport and south line of Madison township, Pickaway county .....	12,960
Ross county .....	Chillicothe and Richmondale .....	15,000
Hamilton county .....	Symmes and Sycamore townships .....	5,000
Belmont county .....	Barnesville and Hendrysburgh .....	56,000
.....	.....	.....
Adams county.....	West Union and Jacksonville.....	35,000
.....	Total capital stock.....	\$127,960

*certificates, location, amount of capital stock, and number of shares, from November 15, 1872.*

Location.	Amount of capital stock.	No. of shares.
Logan.....	\$200,000	2,000
Tippecanoe City.....	15,000	600
Cincinnati.....	50,000	500
“ .....	20,000	400
Martin's Ferry.....	3,000	300
Cleveland .....	9,000	900
Napoleon.....	10,000	200
Cincinnati.....	50,000	100
New Lexington.....	10,000	500
Cleveland .....	25,000	50
Hamilton.....	18,000	180
Ironton .....	10,000	100
Total capital stock.....	\$420,000	.....

*location, amount of capital stock and number of shares from November 15, ber 15, 1872.*

Location.	Amount of capital stock.	Number of shares.
Cleveland .....	\$200,000	10,000
Cincinnati.....	100,000	5,000
Jelloway .....	200,000	.....
Total capital stock .....	\$500,000	.....

## MISCELLANEOUS

*Names of Companies incorporated for various purposes, with date of filing from November 15, 1871,*

Number.	Date of filing certificate.	Name of Company.
	1871.	
1	Dec. 5	Cincinnati Ice Company .....
	1872.	
2	Jan. 3	Barton Building Company .....
3	" 15	German Union Store .....
4	" 15	Oberlin Conservatory of Music .....
5	" 20	Quickstep Park Trotting Association .....
6	" 23	The Springfield Library Association .....
7	Feb. 1	The Colored People's Building Association of Hamilton County .....
8	" 6	Cleveland Opera House Company .....
9	" 12	Didaskalon Musical Association .....
10	" 13	The Forest City Opera House Company .....
11	" 13	Artesian Spring Company of Stryker, Ohio .....
12	March 3	Masonic Hall Association of the City of Cleveland .....
13	" 5	Columbus Hotel Company of Columbus .....
14	" 30	Greene County Building and Manufacture Association .....
15	April 8	The American Wood Preserving Company of Cleveland, Ohio .....
16	" 16	Hillsboro' Hall Company .....
17	" 29	Odd Fellows' Temple Association .....
18	May 4	Cincinnati Exposition Park Association .....
19	" 11	The Masonic and Odd Fellows' Building Association of Coshocton .....
20	" 22	Farmers' and Mechanics' Co-operative Union .....
21	" 25	arroll Comnty Medical Society .....
22	" 26	Ohio River Transport Company .....
23	" 29	Odd Fellows' Beneficial Association of Columbus, Ohio .....
24	June 19	The Odd Fellows Building Association of Green Castle, Ohio .....
25	July 6	The Cincinnati and Indiana Elevator Company .....
26	" 4	Chilo and Cincinnati Packet Company .....
27	" 17	The Youngstown Opera House .....
28	" 22	The Mohawk Land Company .....
29	" 24	The United States Minstrel Company .....
30	" 24	Scioto Valley Telegraph Company .....
31	Aug. 5	The Spencer House Company .....
32	" 7	Fifteen and Duck Transportation and Tank Company .....
33	" 12	The Wellington Co-operative Association .....
34	" 16	The Mutual Relief Society .....
35	" 20	Union Depot Company .....
36	" 23	The Cincinnati and Red River Transportation Company .....
37	" 25	The Alston Hydraulic Company .....
38	Sept. 2	The Miami-Purchase Improvement Company .....
39	" 6	Cleveland Transportation Company .....

## COMPANIES.

*certificates, location, purpose, amount of capital stock and number of shares, to November 15, 1872.*

Location.	Purpose of organization.	Amount of capital stock.	Number of shares.
Cincinnati.....	Cutting and preserving ice .....	\$50,000	50
Burton .....	.....	60,000	1,200
Youngstown .....	Keeping co-operative store .....	30,000	3,000
Oberlin .....	Encouraging and cultivating a taste for music .....	1,000	5
Toledo .....	Improvement of horses .....	5,000	50
Springfield .....	Maintaining library .....	20,000	4,000
Hamilton county ...	Constructing buildings to be used for hotels tenement houses, &c.....	100,000	1,000
Cleveland .....	Building and maintaining an opera house .....	500,000	10,000
Rushsylvania .....	Cultivating a taste for music .....	5,000	1,000
Cleveland .....	Building and maintaining an opera house .....	250,000	50,000
Stryker .....	improving medicinal springs, &c.....	50,000	1,000
Cleveland .....	Building and maintaining masonic hall, &c....	50,000	2,000
Columbus .....	Building and maintaining a hall .....	300,000	3,600
Xenia .....	Constructing buildings for hotels, manufac- turing establishments, &c.....	200,000	.....
Cleveland .....	Preserving wood from decay for street paving .....	300,000	3,000
Hillsboro' .....	Building and maintaining a public hall.....	7,500	100
Cleveland .....	Building and maintaining a hall .....	100,000	2,000
Cincinnati.....	Constructing park for holding fairs and pub- lic meetings .....	300,000	3,000
Coshocton .....	Building and maintaining a society hall for meetings, &c.....	40,000	800
Gallipolis .....	Purchasing articles in quantity and distribut- ing to consumers at actual cost .....	10,000	200
Carrollton .....	Advancing medical knowledge.....	500	25
Middleport .....	Transporting freight on navigable rivers of Ohio, &c.....	50,000	500
Columbus .....	Mutual protection and relief of its members .....	.....	.....
Green Castle .....	Purchasing and holding real estate for the use of Weaver Lodge No. 486, of Odd Fellows ..	1,500	5
Cincinnati.....	Storing and forwarding grain, &c., and doing general warehouse business.....	80,000	800
Cincinnati.....	Transporting freight on navigable waters of Ohio, &c.....	9,000	180
Youngstown .....	Constructing an opera house and hall for con- certs, &c.....	40,000	800
Cincinnati.....	Constructing and maintaining building for ho- tels, tenement houses, &c.....	46,000	184
Cincinnati.....	For encouraging and cultivating a taste for music .....	10,000	200
Scioto Valley .....	For conducting a line of telegraph.....	15,000	150
Cincinnati.....	Repairing and maintaining a public hotel .....	300,000	3,000
Washington county.	Transporting oil through pipes .....	30,000	300
Wellington .....	Purchasing articles in quantity and distrib- uting to consumers at cost .....	5,000	500
Lima .....	Mutual relief of its members .....	.....	.....
Columbus .....	Building a railroad depot.....	500,000	.....
Cincinnati.....	Transporting freight upon rivers bordering upon Ohio .....	300,000	3,000
Hamilton .....	To construct canals, &c., and to secure hydrau- lic water power .....	100,000	1,000
Cincinnati.....	To construct a hotel, &c.....	50,000	2,000
Cleveland .....	Transporting freight on rivers and lakes bor- dering on State of Ohio .....	1,000,000	20,000

Number.	Date of filing certificate.	Name of Company.
40	1872. Sept. 11	The Carthage Home Association .....
41	" 24	The Toledo and Wabash Elevator Company .....
42	Oct. 2	The Board of Trade of Lima .....
43	" 21	Cincinnati and Memphis Packet Company .....
44	" 23	The Zanesville Driving Park Association .....
45	" 23	Central Grove No. 32, United Ancient Order of Druids .....
46	" 23	Olentangy Tribe No. 65, Improved Order of Red Men .....
47	" 25	Junia Lodge No. 474, Independent Order of Odd Fellows .....
48	" 25	The Commercial Oil Company .....
49	" 25	The West End Union Station House and Junction Railroad Company.....
50	" 30	The Clifton Lot Company .. .....
51	Nov. 2	Lake Shore Christian Home .....
52	" 4	Lake Superior Transportation Company.....
53	" 8	Capital Grove No. 30, United Ancient Order of Druids.....
54	" 12	Columbus Encampment No. 135, I. O. O. F. ....
55	" 12	Columbus Board of Trade .....

*Companies—Continued.*

Location.	Purpose of organization.	Amount of capital stock.	Number of shares.
Carthage .....	Constructing and maintaining buildings for hotels, tenement houses, &c.	\$150,000	1,000
Toledo .....	Storing and forwarding grain, &c, and doing a general warehouse business.....	1,000,000	10,000
Lima.....	To promote good faith and integrity in business, &c. ....	.....	.....
Cincinnati.....	Transporting freight upon navigable waters of Ohio, and bordering thereon.....	16,000	640
Zanesville .....	Constructing a race-course .....	5,000	100
Columbus .....	Mutual protection and relief of its members..	.....	.....
“ .....	“ “ “ “ “ “ ..	.....	.....
Cleveland .....	For refining petroleum .....	300,000	3,000
Cincinnati.....	Building a railroad depot.....	125,000	2,500
Cincinnati.....	To construct and maintain buildings for stores, &c.....	42,000	111
Ottawa county.....	To construct a park for holding public meetings .....	25,000	250
Cuyahoga county...	Transporting freight on any of the navigable rivers in the State of Ohio, &c .....	150,000	100
Columbus .....	For mutual protection and relief of its members .....	.....	.....
“ .....	For mutual protection and relief of its members .....	.....	.....
“ .....	To promote integrity and good faith in business, &c. ....	.....	.....
.....	Total capital stock.....	\$6,723,500	

*Names of Companies whose capital stock has been increased and decreased*

Number.	Date of filing.	Name of Company.
MANUFACTURING COMPANIES.		
	1871.	
1	Nov. 18	The Domestic Sewing Machine Company .....
2	Dec. 15	Sandusky Tool Company .....
	1872.	
3	Jan. 3	Miami Powder Company.....
4	Feb. 1	Tiffin Woolen Mills.....
5	" 10	Standard Oil Company .....
6	" 24	Cleveland Rolling Mill Company.....
7	Mar. 19	Columbus Cabinet Company.....
8	" 21	Peoples' Gas Light Company.....
9	July 1	Barney and Smith Manufacturing Company.....
10	" 11	Sandusky Tool Company.....
11	" 11	The Royer Wheel Company .....
12	Oct. 29	Columbus Gas Light and Coke Company .....
		Total increase.....
RAILROAD COMPANIES.		
	1871.	
1	Dec. 9	The Mahoning Coal Railroad Company.....
	1872.	
2	May 6	Cincinnati and Baltimore Railway Company.....
3	" 24	Ashtabula, Youngstown and Pittsburgh Railroad Company.....
		Total increase.....
INSURANCE COMPANIES.		
	1872.	
1	Jan. 2	Firemen's Insurance Company of Dayton, Ohio.....
2	May 6	Franklin Insurance Company of Columbus, Ohio.....
3	June 21	Farmers,' Merchants,' and Manufacturers' Fire Ins. Co. of Miami Valley...
		Total increase.....
MINING COMPANIES.		
	1872.	
1	April 19	Steubenville Coal and Mining Company .....
2	July 3	Ohio Great Vein Mining Company .....
		Total increase.....
REDUCTION OF CAPITAL.		
	1872.	
1	Jan. 31	The Peoples' Saving and Loan Association.....
2	Feb. 29	Orrville Planing Mill Company .....
3	June 29	Andes Insurance Company of Cincinnati .....
4	Sept. 19	Mechanics' Savings, Loan and Building Association .....
		Total decrease .....



*with date of filing certificate, amount of increase, total capital, &c.*

Location.	Amount of increase.	Total capital.
Toledo .....	\$30,000	\$150,000
Sandusky .....	100,000	125,000
Greene county .....	30,000	100,000
Tiffin .....	114,000	150,000
Cleveland .....	1,500,000	2,500,000
Cleveland .....	250,000	1,500,000
Columbus .....	65,000	95,000
Cleveland .....	50,000	200,000
Dayton .....	250,000	750,000
Sandusky .....	25,000	150,000
Cincinnati .....	100,000	400,000
Columbus .....	50,000	200,000
.....	2,564,000	\$6,320,000
.....	\$70,000	\$1,500,000
.....	300,000	800,000
.....	500,000	1,500,000
.....	\$870,000	\$3,800,000
Dayton .....	\$100,000	\$250,000
Columbus .....	200,000	300,000
Hamilton .....	100,000	200,000
.....	\$400,000	\$750,000
Steubenville .....	\$30,000	\$50,000
New Lexington .....	2,000,000	3,000,000
.....	\$2,030,000	\$3,050,000
	Total stock before reduction.	Amount of reduction.
Cleveland .....	\$500,000	\$250,000
Orrville .....	20,000	12,000
Cincinnati .....	1,000,000	500,000
Mt. Vernon .....	100,000	63,000
.....	1,620,000	\$825,000

## MISCELLANEOUS.

## RAILROAD CONSOLIDATIONS.

Articles of consolidation by and between the Atlantic and Great Western Railway Company of New York and Pennsylvania, and the Atlantic and Great Western Railway Company of Ohio, forming the Atlantic and Great Western Railway Company, were filed Nov. 20, 1871.

Articles of consolidation by and between the Lake Erie, Evansville and South Western Railway Company of Ohio, with the Lake Erie, Evansville and South Western Railway Company of Indiana, forming the Lake Erie, Evansville and South Western Railway Company, were filed March 7, 1872.

Articles of consolidation by and between the Fremont, Lima and Union Railway Company of Ohio, and the Lake Erie and Louisville Railway Company of Indiana, forming the Lake Erie and Louisville Railway, were filed April 12, 1872.

Articles of consolidation by and between the Toledo, Thornton and St. Louis Railroad Company of Indiana, and the Toledo and St. Louis Air Line Railroad Company of Ohio, forming the Toledo, Thornton and St. Louis Air Line Railroad Company, were filed May 18, 1872.

Articles of consolidation by and between the Continental Railway Company of Pennsylvania, and the New York Western Railway of Ohio, forming the Continental Railway Company, were filed June 25, 1872.

Articles of consolidation by and between the Detroit and State Line Railroad Company of Michigan, and the Junction Railway Company of Ohio, forming the Toledo, Canada Southern and Detroit Railway Company, were filed June 15, 1872.

Articles of consolidation by and between the Detroit and State Line Railroad Company of Michigan, and the Junction Railway Company of Ohio, forming the Toledo, Canada Southern and Detroit Railway Company, were filed Aug. 1, 1872.

Articles of consolidation by and between the Cleveland and Mahoning Railroad Company, the Niles and New Lisbon Railway Company, and the Liberty and Vienna Railroad Company, all of Ohio, forming the Cleveland and Mahoning Valley Railway Company, were filed August 14, 1872.

Articles of consolidation by and between the Shenango Valley, Youngstown and Chicago Railway Company of Ohio, and the Wheatland and Ohio Railway Company of Pennsylvania, forming the Shenango Valley and Alliance Railway Company, were filed November 7th, 1872.

## RAILROADS.

Amended certificate of incorporation of the Mansfield, Coldwater and Lake Michigan Railroad Company, was filed December 2, 1871.

Copy of Decree of Common Pleas Court of Hamilton county, Ohio, changing the name of the Dayton and Cincinnati Railroad Company, to Cincinnati Railway Tunnel Company was filed January 31, 1872.

Amended certificate of incorporation of the Southern Ohio Railroad Company, was filed April 23, 1872.

Amended certificate of the Lake Erie and Louisville Railway company, changing its termini and extending its line, was filed May 8, 1872.

Supplementary certificate of the Marietta and Pittsburgh Railroad company, to construct various branches to said road, was filed August 7, 1872.

Supplementary certificate of the Mahoning Coal Railroad Company to construct various branch roads, was filed August 14, 1872.

## CHANGE OF ANNUAL MEETING.

Certificates of change of time of annual meetings of the follow named companies were filed as follows :

Beacon Publishing Company, meeting changed to the first Monday of August each year. Filed January 12, 1872.

The Distillers Manufacturing Company, meeting changed from first Monday to second Tuesday of each year. Filed January 18, 1872.

Berea Stone Co., meeting changed to the second Wednesday in January. Filed January 31, 1872.

Webster, Camp and Lane Machine Company, meeting changed to second Tuesday in September. Filed March 8, 1872.

Youngstown Gas Company, meeting changed to the last Tuesday in January. Filed July 12, 1872.

Cleveland, Mt. Vernon and Delaware Railroad company, meeting changed to the third Tuesday of February. Filed August 19, 1872.

CHANGE OF NAMES OF CORPORATIONS.

Decrees of court changing names of companies were filed as follows:

Cleveland Iron and Nail Company, of Cleveland, name change to "The Cleveland Iron Company." Decree filed April 22, 1872.

CITIES AND VILLAGES.

*Names of Cities and Villages incorporated and to which additional Territory has been annexed, with date of filing of copies of proceedings and plats, from November 15, 1871, to November 15, 1872.*

Number.	Date of filing.	Name of city or village.	County.	Remarks.
	1871.	"		
1	Dec. 5	Zanesville (c) ..	Muskingum .....	Annexation of village of West Putnam.
2	Nov. 29	Elyria .....	Lorain .....	" territory.
3	Dec. 13	Kingston .....	Ross .....	" "
4	" 20	Mineral Ridge..	Trumbull .....	Incorporated.
	1872.			Annexation of territory.
5	Jan. 22	Wellsville .....	Columbiana .....	
6	Feb. 2	Polk .....	Ashland .....	Incorporated for special purposes.
7	" 29	Louisville.....	Stark .....	Incorporated.
8	" 29	Navarre .....	" .....	"
9	Mar. 8	Newton Falls ..	Trumbull .....	Incorporated for special purposes.
10	" 15	Quaker City.....	Guernsey .....	Annexation of territory.
11	" 23	Waynesburg .....	Stark .....	" "
12	" 29	Chardon .....	Geauga .....	" "
13	April 1	Irondale .....	Jefferson.....	Incorporated for special purposes.
14	" 1	La Grange .....	" .....	" "
15	" 17	Williamsport ..	Pickaway .....	Annexation of territory.
16	" 23	Green Springs..	Seneca and Sandusky	Incorporated.
17	May 1	Leesburg .....	Highland .....	Annexation of territory.
18	" 2	Zanesville (c) ..	Muskingum .....	" village of Putnam.
19	" 10	St. Louisville ..	Licking .....	Incorporated.
20	" 17	Sandusky (c) ..	Erie .....	Annexation of Portland township.
21	" 17	North Amherst..	Lorain .....	Incorporated.
22	" 31	Bellville .....	Richland .....	Annexation of territory.
23	" 22	Akron (c) .....	Summit .....	" village of Middlebury.
24	June 6	Versailles .....	Darke .....	" territory.
25	" 6	Bellville .....	Richland .....	" "
26	" 27	New Straitsville	Perry .....	Incorporated.
27	July 11	Staubenville (c)	Jefferson.....	Annexation of territory.
28	" 13	Farmersville ..	Montgomery.....	" "
29	Aug. 1	Eldorado .....	Preble .....	Incorporated for special purposes.
30	" 7	Chillicothe (c)..	Ross .....	Annexation of territory.
31	" 27	Union City .....	Darke .....	" "
32	Sept. 11	La Rue .....	Marion .....	" "
33	Oct. 26	Dennison .....	Tuscarawas .....	Incorporated.
34	" 30	Cleveland (c) ..	Cuyahoga .....	Annexation of East Cleveland.



APPORTIONMENT—HOUSE OF REPRESENTATIVES—Continued.

COUNTIES.	Population.	Fraction over full ratio.	Fraction multiplied by five.	Number added on account of fraction.	Terms.					Total for the decade 1879-1882.
					1st.	2d.	3d.	4th.	5th.	
Lake .....	15,935				1	1	1	1	1	5
Lawrence .....	31,380	4,729	23,645		1	1	1	1	1	5
Licking .....	36,122	9,471	47,355	1	1	1	1	1	2	6
Logan .....	23,028				1	1	1	1	1	5
Lorain .....	30,308	3,657	18,285		1	1	1	1	1	5
Lucas .....	46,783				2	2	2	2	2	10
Madison .....	15,633				1	1	1	1	1	5
Mahoning .....	31,001	4,350	21,750		1	1	1	1	1	5
Marion .....	16,184				1	1	1	1	1	5
Medina .....	20,092				1	1	1	1	1	5
Meigs .....	31,465	4,814	24,070		1	1	1	1	1	5
Mercer .....	17,254				1	1	1	1	1	5
Miami .....	32,740	6,089	30,445	1	1	1	1	1	2	6
Monroe .....	25,780				1	1	1	1	1	5
Montgomery † .....	64,006	10,704	53,520	2	2	2	3	3	2	12
Morgan .....	20,363				1	1	1	1	1	5
Morrow .....	18,583				1	1	1	1	1	5
Muskingum .....	44,887	18,236	91,180	3	2	2	2	1	1	8
Noble .....	19,949				1	1	1	1	1	5
Ottawa .....	13,361				1	1	1	1	1	5
Perry .....	18,453				1	1	1	1	1	5
Pickaway .....	24,875				1	1	1	1	1	5
Pike .....	15,441				1	1	1	1	1	5
Portago .....	24,577				1	1	1	1	1	5
Preble .....	21,809				1	1	1	1	1	5
Putnam .....	17,033				1	1	1	1	1	5
Richland .....	32,516	5,865	29,325	1	1	1	1	1	2	6
Ross .....	37,097	10,446	52,230	1	1	1	1	1	2	6
Sandusky .....	25,504				1	1	1	1	1	5
Scioto .....	29,302	2,651	13,255		1	1	1	1	1	5
Seneca .....	30,828	4,177	20,885		1	1	1	1	1	5
Shelby .....	20,748				1	1	1	1	1	5
Stark .....	52,508				2	2	2	2	2	10
Summit .....	34,674	8,023	40,115	1	1	1	1	1	2	6
Trumbull .....	38,659	12,008	60,040	2	1	1	2	2	1	7
Tuscarawas .....	33,840	7,189	35,945	1	1	1	1	1	2	6
Union .....	18,730				1	1	1	1	1	5
Van Wert .....	15,824				1	1	1	1	1	5
Vinton .....	15,027				1	1	1	1	1	5
Warren .....	26,690	39	194		1	1	1	1	1	5
Washington .....	40,609	13,958	69,790	2	1	1	2	2	1	7
Wayne .....	35,082	8,431	42,155	1	1	1	1	1	2	6
Williams .....	20,991				1	1	1	1	1	5
Wood .....	24,596				1	1	1	1	1	5
Wyandot .....	18,554				1	1	1	1	1	5

§ Actual population, 2,665,260. Apportionment was made before official count was received from Washington.

\* Fraction over four full ratios.

† Fraction over two full ratios.

‡ Fraction over nine full ratios.



## APPORTIONMENT—1871—1881—Continued.

SENATE.

*Population of State, 2,665,118; Full ratio, 76,146; Three-fourths ratio, 57,110.*

District.	COUNTIES.	Population.	Population of Dis- trict.	Fraction over full ratio.	Fraction multiplied by five.	Number added for fraction.	Terms.					Total.
							1.	2.	3.	4.	5.	
1	Hamilton .....	260,370	260,370	*31,932	159,650	2	3	3	4	4	3	17
2	Butler .....	39,912										
	Warren .....	26,690	66,602				1	1	1	1	1	5
3	Montgomery ...	64,006										
	Preble .....	21,801	85,815	9,669	43,345		1	1	1	1	1	5
4	Clermont .....	34,269										
	Brown .....	30,802	65,071				1	1	1	1	1	5
5	Greene .....	28,052										
	Clinton .....	21,915	67,137				1	1	1	1	1	5
	Fayette .....	17,170										
6	Highland .....	29,103	66,200				1	1	1	1	1	5
	Ross .....	37,097										
7	Adams .....	20,750	87,252	11,106	55,530		1	1	1	1	1	5
	Pike .....	15,441										
	Scioto .....	29,302										
	Jackson .....	21,759										
8	Lawrence .....	31,380	103,417	27,271	136,355	1	1	1	1	1	2	6
	Gallia .....	25,545										
	Meigs .....	31,465										
	Vinton .....	15,027										
9	Athens .....	31,872	70,936				1	1	1	1	1	5
	Hocking .....	17,925										
	Fairfield .....	31,139										
10	Franklin .....	63,019	87,894	11,718	58,740		1	1	1	1	1	5
	Pickaway .....	24,875										
11	Clarke .....	32,070	71,891				1	1	1	1	1	5
	Champaign .....	24,188										
	Madison .....	15,633										
12	Miami .....	32,740	85,619	9,473	47,365		1	1	1	1	1	5
	Darke .....	32,131										
	Shelby .....	20,748										
13	Logan .....	23,028	76,656	510	2,550		1	1	1	1	1	5
	Union .....	18,730										
	Marion .....	16,184										
	Hardin .....	18,714										



## APPORTIONMENT—SENATE—Continued.

District.	COUNTIES.	Population.	Population of District.	Fraction over full ratio.	Fraction multiplied by five.	Number added for fraction.	Terms.					Total.
							1.	2.	3.	4.	5.	
14	Washington ... Morgan Noble (part)...	40,609 20,363 9,975	70,947	-----	-----	-----	1	1	1	1	1	5
15	Muskingum ... Perry .....	44,887 14,453					1	1	1	1	1	5
16	Delaware ... Licking .....	25,175 36,122	61,297	-----	-----	-----	1	1	1	1	1	5
17	Knox ..... Morrow .....	26,333 18,583					1	1	1	1	1	5
and	Total 17th Dis.	44,916	98,176	22,030	110,150	1	1	1	1	1	2	6
28	Wayne ..... Holmes .....	35,082 18,178					1	1	1	1	2	6
	Total 28th Dis.	53,260										
18	Coshocton .... Tuscarawas ...	23,600 33,840	57,440	-----	-----	-----	1	1	1	1	1	5
19	Guernsey..... Monroe..... Noble (part)...	23,798 25,780 9,974					1	1	1	1	1	5
20	Belmont..... Harrison .....	39,715 18,682	58,397	-----	-----	-----	1	1	1	1	1	5
21	Carroll ..... Stark .....	14,491 52,508					1	1	1	1	1	5
22	Jefferson ..... Columbiana ...	29,188 38,299	67,487	-----	-----	-----	1	1	1	1	1	5
23	Trumbull ..... Mahoning .....	38,659 31,001					1	1	1	1	1	5
24	Ashtabula ..... Lake ..... Geauga .....	32,518 15,935 14,200	62,653	-----	-----	-----	1	1	1	1	1	5
25	Cuyahoga .....	132,012					2	2	2	1	1	8
26	Portage ..... Summit .....	24,577 34,674	59,251	-----	-----	-----	1	1	1	1	1	5
27	Medina..... Lorain .....	20,092 30,308					1	1	1	1	2	6
and	Total 27th Dis.	50,400	104,849	28,703	143,515	1	1	1	1	1	2	6
29	Ashland ..... Richland .....	21,933 32,516										
	Total 29th Dis.	54,449										

## APPORTIONMENT—SENATE—Continued.

District.	COUNTIES.	Population.	Population of District.	Fraction over full ratio.	Fraction multiplied by five.	Number added for fraction.	Terms.					Total.
							1.	2.	3.	4.	5.	
30	Huron .....	28,532	95,585	19,439	97,195	1	1	1	1	1	2	6
	Erie .....	28,188										
	Sandsky .....	25,504										
	Ottawa .....	13,361										
31	Seneca .....	30,828	74,938	-----	-----	-----	1	1	1	1	1	5
	Crawford .....	25,556										
	Wyandot .....	18,554										
32	Allen .....	23,623	121,995	45,849	229,245	3	2	2	2	1	1	8
	Anglaize .....	20,040										
	Defiance .....	15,719										
	Mercer .....	17,254										
	Paulding .....	8,544										
	Van Wert .....	15,824										
	Williams .....	20,991										
33	Fulton .....	17,789	144,126	67,980	339,900	4	2	2	2	2	1	9
	Hancock .....	23,847										
	Henry .....	14,028										
	Lucas .....	46,783										
	Putnam .....	17,083										
	Wood .....	24,596										

\* Fraction over three full ratios.

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ELECTION STATISTICS OF OHIO :

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STATE, CONGRESSIONAL AND PRESIDENTIAL.

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TABLE Showing the Majority in each County in the

COUNTIES.	President. 1868.		Secretary of State. 1870.	
	Grant.	Seymour.	Sherwood.	Heisley.
Adams .....	.....	203	.....	337
Allen .....	.....	705	.....	556
Ashland .....	.....	299	.....	288
Ashtabula .....	4703	.....	2254	.....
Athens .....	1316	.....	957	.....
Anglaizo .....	.....	1488	.....	1105
Belmont .....	31	.....	.....	224
Brown .....	.....	523	.....	895
Butler .....	.....	1647	.....	1921
Carroll .....	518	.....	421	.....
Champaign .....	816	.....	464	.....
Clarke .....	1730	.....	1416	.....
Clermont .....	.....	119	.....	237
Clinton .....	1343	.....	1191	.....
Columbiana .....	1943	.....	1102	.....
Coshocton .....	.....	446	.....	629
Crawford .....	.....	1583	.....	856
Cuyahoga .....	4589	.....	2624	.....
Darke .....	.....	156	.....	683
Defiance .....	.....	791	.....	525
Delaware .....	807	.....	634	.....
Erie .....	1246	.....	1101	.....
Fairfield .....	.....	1637	.....	1609
Fayette .....	594	.....	503	.....
Franklin .....	.....	2040	.....	1423
Fulton .....	1021	.....	617	.....
Gallia .....	1058	.....	936	.....
Geauga .....	2252	.....	1331	.....
Greene .....	2404	.....	1974	.....
Guernsey .....	794	.....	605	.....
Hamilton .....	5399	.....	2797	.....
Hancock .....	.....	249	.....	135
Hardin .....	118	.....	49	.....
Harrison .....	647	.....	457	.....
Henry .....	.....	428	.....	532
Highland .....	188	.....	277	.....
Hocking .....	.....	742	.....	629
Holmes .....	.....	1776	.....	1390
Huron .....	1776	.....	1337	.....
Jackson .....	471	.....	213	.....
Jefferson .....	1277	.....	914	.....
Knox .....	142	.....	.....	174
Lake .....	2020	.....	1305	.....
Lawrence .....	1512	.....	671	.....
Licking .....	.....	945	.....	1143
Logan .....	1008	.....	653	.....
Lorain .....	2513	.....	2203	.....
Lucas .....	1786	.....	1112	.....
Madison .....	132	.....	130	.....
Mahoning .....	630	.....	182	.....
Marion .....	.....	358	.....	373
Medina .....	1193	.....	914	.....
Meigs .....	1521	.....	1061	.....
Mercer .....	.....	1510	.....	1029
Miami .....	1299	.....	460	.....
Monroe .....	.....	1954	.....	1687
Montgomery .....	389	.....	.....	352
Morgan .....	626	.....	252	.....
Morrow .....	699	.....	663	.....
Muskingum .....	137	.....	.....	25

*State, for the years 1863, 1870, 1871 and 1872.*

Governor. 1871.		Secretary of State. 1872.		Congressmen. 1872.		President. 1872.	
Noyes.	McCook.	Wikoff.	Wiley.	Rep.	Dem.	Grant.	Greeley.
.....	307	.....	183	.....	181	.....	95
.....	472	.....	511	.....	456	.....	452
.....	294	.....	427	.....	367	.....	185
3057	.....	3682	.....	3713	.....	4086	.....
965	.....	1288	.....	944	.....	1627	.....
.....	1266	.....	1525	.....	1502	.....	1355
218	.....	399	.....	810	.....	620	.....
.....	718	.....	530	.....	758	.....	744
.....	1614	.....	2010	.....	1871	.....	1933
370	.....	450	.....	405	.....	534	.....
787	.....	826	.....	861	.....	874	.....
1153	.....	1292	.....	1392	.....	1483	.....
.....	144	.....	276	.....	288	.....	250
1159	.....	1295	.....	1277	.....	1319	.....
1334	.....	1432	.....	1363	.....	1876	.....
.....	543	.....	469	.....	454	.....	404
.....	1258	.....	1412	.....	1342	.....	1514
5967	.....	3603	.....	2724	.....	6418	.....
.....	669	.....	555	.....	513	309	.....
.....	712	.....	771	.....	768	.....	627
538	.....	397	.....	369	.....	700	.....
676	.....	327	.....	176	.....	618	.....
.....	1437	.....	1442	.....	1407	.....	1348
482	.....	467	.....	489	.....	595	.....
.....	1514	.....	2083	.....	2346	.....	1549
654	.....	1004	.....	994	.....	1384	.....
974	.....	1153	.....	967	.....	1301	.....
1721	.....	1963	.....	1970	.....	2111	.....
1518	.....	2014	.....	2002	.....	2108	.....
586	.....	584	.....	639	.....	728	.....
1546	.....	.....	5653	.....	5071	.....	4858
.....	183	.....	344	.....	257	.....	138
29	.....	90	.....	79	.....	968	.....
575	.....	556	.....	556	.....	608	.....
.....	464	.....	542	.....	543	.....	350
124	.....	135	.....	187	.....	238	.....
.....	669	.....	755	.....	701	.....	510
.....	1418	.....	1521	.....	1521	.....	1441
1219	.....	1363	.....	1506	.....	1630	.....
160	.....	565	.....	649	.....	703	.....
964	.....	1291	.....	1113	.....	1647	.....
.....	53	.....	347	.....	568	43	.....
1652	.....	1582	.....	1598	.....	1772	.....
917	.....	1480	.....	1477	.....	1987	.....
.....	1183	.....	1373	.....	1322	.....	1069
635	.....	667	.....	695	.....	840	.....
2265	.....	2166	.....	2205	.....	2335	.....
1136	.....	704	.....	201	.....	2170	.....
157	.....	222	.....	223	.....	309	.....
485	.....	675	.....	358	.....	1239	.....
.....	573	.....	492	.....	501	.....	502
850	.....	853	.....	859	.....	1099	.....
1083	.....	1355	.....	1223	.....	1689	.....
.....	1180	.....	1021	.....	1001	.....	1064
701	.....	826	.....	872	.....	843	.....
.....	1760	.....	1747	.....	1760	.....	1571
.....	649	.....	341	.....	36	.....	185
393	.....	435	.....	196	.....	788	.....
409	.....	393	.....	299	.....	508	.....
.....	215	.....	144	.....	139	254	.....

TABLE Showing the Majority in each County in the

COUNTIES.	President. 1868.		Secretary of State. 1870.	
	Grant.	Seymour.	Sherwood.	Heisley.
Noble .....	489		283	
Ottawa .....		341		423
Paulding .....	211		58	
Perry .....		261		406
Pickaway .....		549		743
Pike .....		572		287
Portage .....	1242		696	
Preble .....	820		649	
Putnam .....		819		876
Richland .....		454		528
Ross .....		415		341
Sandusky .....		403		571
Scioto .....	712		104	
Seneca .....		563		486
Shelby .....		648		745
Stark .....	653		544	
Summit .....	2190		842	
Trumbull .....	3025		1988	
Tuscarawas .....		287		552
Union .....	907		711	
Van Wert .....	116			5
Vinton .....		55		305
Warren .....	2042		1748	
Washington .....	660		389	
Wayne .....		259		538
Williams .....	466		98	
Wood .....	1066		777	
Wyandot .....		456		439
Total majorities .....	67,262	25,716	42,697	26,002
Net majorities .....	41,546		16,695	



*State, for the years 1868, 1870, 1871 and 1872.—Continued.*

Governor. 1871.		Secretary of State. 1872.		Congressmen. 1872.		President. 1872.	
Noyes.	McCook.	Wikoff.	Wiley.	Rep.	Dem.	Grant.	Greeley.
179	-----	161	-----	180	-----	389	-----
66	503	136	622	133	684	342	317
-----	452	-----	497	-----	387	-----	265
-----	641	-----	673	-----	537	-----	307
-----	408	-----	377	-----	300	-----	284
831	-----	692	-----	714	-----	1040	-----
586	-----	427	-----	402	-----	614	-----
-----	922	-----	1098	-----	1087	-----	856
-----	435	-----	629	-----	204	-----	303
-----	279	-----	261	-----	221	-----	61
-----	588	-----	575	-----	442	-----	349
282	-----	546	-----	632	-----	797	-----
-----	592	-----	591	-----	257	-----	334
-----	741	-----	655	-----	643	-----	594
104	-----	215	-----	136	-----	567	-----
815	-----	1310	-----	1360	-----	1796	-----
2579	-----	2970	-----	2940	-----	3548	-----
-----	523	-----	566	-----	556	-----	408
716	-----	713	-----	749	-----	886	-----
-----	6	18	-----	18	-----	119	-----
-----	232	-----	216	-----	117	-----	26
1586	-----	1600	-----	1622	-----	1595	-----
162	-----	454	-----	388	-----	551	-----
-----	26	-----	218	-----	60	235	-----
199	-----	367	-----	341	-----	794	-----
582	-----	815	-----	756	-----	1093	-----
-----	335	-----	353	-----	309	-----	279
46,146	25,978	47,958	33,813	45,798	31,441	64,059	26,528
20,168	-----	14,145	-----	14,357	-----	37,531	-----

*Congressional Majorities by Counties and Districts, as shown by Vote at the October election, 1872.*

Number of District.	Counties.	Majorities in Counties.		Majorities in Districts.	
		Republican.	Democratic.	Republican.	Democratic.
1 {	Hamilton .....	.....	3,569	.....	3,569
2 {	Hamilton .....	.....	1,502	.....	1,502
3 {	Butler .....	.....	1,871	.....	.....
	Clermont .....	.....	288	.....	.....
	Clinton .....	1,277	.....	.....	.....
	Fayette .....	489	.....	.....	.....
	Warren .....	1,622	.....	1,229	.....
4 {	Darke .....	.....	513	.....	.....
	Greene .....	2,002	.....	.....	.....
	Montgomery .....	36	.....	.....	.....
	Preble .....	402	.....	1,927	.....
5 {	Allen .....	.....	456	.....	.....
	Auglaize .....	.....	1,502	.....	.....
	Defiance .....	.....	768	.....	.....
	Mercer .....	.....	1,001	.....	.....
	Paulding .....	133	.....	.....	.....
	Putnam .....	.....	1,087	.....	.....
	Shelby .....	.....	643	.....	.....
	Van Wert .....	18	.....	.....	5,306
6 {	Fulton .....	994	.....	.....	.....
	Henry .....	.....	543	.....	.....
	Lucas .....	201	.....	.....	.....
	Ottawa .....	.....	684	.....	.....
	Williams .....	341	.....	.....	.....
	Wood .....	756	.....	1,065	.....
7 {	Adams .....	.....	181	.....	.....
	Brown .....	.....	758	.....	.....
	Highland .....	187	.....	.....	.....
	Pike .....	.....	300	.....	.....
	Ross .....	.....	221	.....	1,273
8 {	Champaign .....	861	.....	.....	.....
	Clarke .....	1,392	.....	.....	.....
	Logan .....	695	.....	.....	.....
	Madison .....	223	.....	.....	.....
	Miami .....	872	.....	4,043	.....
9 {	Delaware .....	369	.....	.....	.....
	Hardin .....	79	.....	.....	.....
	Knox .....	.....	568	.....	.....
	Marion .....	.....	501	.....	.....
	Morrow .....	299	.....	.....	.....
	Union .....	749	.....	427	.....
10 {	Erie .....	176	.....	.....	.....
	Hancock .....	.....	257	.....	.....
	Huron .....	1,506	.....	.....	.....
	Sandusky .....	.....	442	.....	.....
	Seneca .....	.....	257	726	.....

*Congressional Majorities by Counties and Districts—Continued.*

Number of District.	Counties.	Majorities in Counties.		Majorities in Districts.	
		Republican.	Democratic.	Republican.	Democratic.
11	Gallia .....	967			
	Hocking .....		701		
	Jackson .....	649			
	Lawrence .....	1,477			
	Scioto .....	632			
	Vinton .....		117	2,907	
12	Fairfield .....		1,407		
	Franklin .....		2,346		
	Perry .....		387		
	Pickaway .....		537		4,877
13	Coshocton .....		454		
	Licking .....		1,322		
	Muskingum .....		139		
	Tuscarawas .....		556		2,471
14	Ashland .....		367		
	Crawford .....		1,342		
	Holmes .....		1,521		
	Richland .....		204		
	Wyandot .....		309		3,743
15	Athens .....	944			
	Meigs .....	1,223			
	Monroe .....		1,760		
	Morgan .....	196			
	Washington .....	388		991	
16	Belmont .....	810			
	Guernsey .....	639			
	Harrison .....	556			
	Jefferson .....	1,113			
	Noble .....	180		3,298	
17	Carroll .....	405			
	Columbiana .....	1,363			
	Mahoning .....	358			
	Stark .....	136		2,262	
18	Lorain .....	2,205			
	Medina .....	859			
	Summit .....	1,360			
	Wayne .....		60		
19	Ashtabula .....	3,713			
	Geauga .....	1,970			
	Lake .....	1,598			
	Portage .....	714			
	Trumbull .....	2,940		10,935	
20	Cuyahoga .....	2,724		2,724	

## STATE AND PRESIDENTIAL ELECTIONS—1872.

## ADAMS COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Franklin .....	162	268	173	268
Green .....	139	181	159	174
Jefferson .....	136	157	171	182
Liberty .....	165	108	168	113
Manchester .....	120	73	123	45
Meigs .....	107	145	114	170
Monroe .....	92	110	101	126
Oliver .....	68	109	77	109
Scott .....	164	102	158	96
Sprigg .....	148	214	189	244
Tiffin .....	121	242	123	239
Wayne .....	146	76	147	74
Winchester .....	164	135	174	132
Totals .....	1732	1920	1877	1972

## ALLEN COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Amanda .....	97	136	88	114
Anglaize .....	187	120	192	98
Bath .....	112	106	121	84
German .....	76	173	85	164
Jackson .....	120	208	116	213
Marion .....	202	341	224	356
Monroe .....	160	148	171	163
Ottawa .....	538	512	531	506
Perry .....	116	146	114	128
Richland .....	103	233	124	274
Shawnee .....	100	108	93	102
Spencer .....	51	142	58	141
Sugar Creek .....	86	86	93	90
Totals .....	1948	2459	2010	2463

## ASHLAND COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Clear Creek.....	163	66	174	68
Green.....	160	233	178	247
Hanover.....	111	231	156	251
Jackson.....	87	182	95	150
Lake.....	31	111	31	123
Mifflin.....	47	114	55	123
Milton.....	75	149	471	400
Montgomery.....	443	431	121	215
Mohican.....	99	231	74	146
Orange.....	123	170	126	131
Perry.....	130	155	144	151
Ruggles.....	126	43	136	34
Sullivan.....	138	39	141	42
Troy.....	104	58	109	40
Vermillion.....	170	221	172	247
Totals.....	2434	2007	2183	2368

## ASHTABULA COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Andover.....	209	40	215	38
Ashtabula.....	417	286	439	220
Austinburgh.....	228	57	231	52
Cherry Valley.....	133	42	139	45
Colebrook.....	152	43	145	31
Conneaut.....	442	178	481	161
Denmark.....	74	22	69	24
Dorset.....	61	21	61	24
Geneva.....	466	104	502	92
Harpersfield.....	206	45	222	37
Hartsgrove.....	121	42	125	55
Jefferson.....	300	110	304	113
Kingsville.....	276	72	303	61
Lonox.....	149	29	159	36
Monroe.....	247	51	265	54
Morgan.....	216	41	231	37
New Lyme.....	115	43	118	34
Orwell.....	139	68	148	65
Pierpont.....	191	29	194	31
Plymouth.....	106	56	114	55
Richmond.....	136	40	130	38
Rome.....	120	26	116	32
Saybrook.....	171	120	193	119
Sheffield.....	118	31	140	26
Trumbull.....	206	52	214	52
Wayne.....	153	19	178	19
Williamsfield.....	119	43	147	41
Windsor.....	145	24	181	26
Totals.....	5416	1734	5764	1678

## ATHENS COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Alexander.....	174	91	186	78
Ames.....	186	32	194	36
Athens.....	516	157	526	159
Bern.....	163	22	191	22
Canaan.....	86	133	87	121
Carthage.....	122	85	136	66
Dover.....	200	111	213	96
Lee.....	169	57	178	49
Lodi.....	171	135	176	97
Rome.....	237	85	264	95
Trimble.....	150	80	157	55
Troy.....	176	87	208	85
Waterloo.....	155	144	173	141
York.....	293	291	336	298
Totals.....	2793	1510	3025	1398

## AUGLAIZE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Clay.....	67	112	79	92
Duchonquet.....	272	512	305	488
German.....	53	234	58	267
Goshen.....	51	66	56	60
Jackson.....	5	354	6	339
Logan.....	33	91	50	99
Moulton.....	56	119	70	123
Noble.....	29	95	38	119
Pucheta.....	33	200	43	215
Salem.....	43	97	61	115
St. Mary's.....	83	301	115	315
Union.....	58	148	81	152
Washington.....	86	79	108	68
Wayne.....	97	91	110	83
Totals.....	971	2499	1180	2535



## BELMONT COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Colerain.....	164	110	168	114
Flushing.....	211	111	224	105
Goshen.....	231	186	235	172
Kirkwood.....	237	135	239	133
Mead.....	111	174	116	177
Pease—Bridgeport Precinct.....	247	159	261	172
“ Martin's Ferry “.....	370	258	381	259
Pultney.....	665	639	677	593
Richland.....	385	447	380	451
Smith.....	121	229	125	240
Somerset.....	205	185	204	158
Union.....	188	207	190	200
Warren.....	474	347	510	325
Washington.....	139	94	156	98
Wayne.....	156	173	161	171
Wheeling.....	116	143	119	143
York.....	118	142	121	136
Totals.....	4138	3739	4267	3647

## BROWN COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Byrd.....	152	81	158	85
Clark.....	75	178	71	199
Eagle.....	101	129	108	137
Franklin.....	33	166	45	196
Green.....	100	170	114	183
Huntington.....	200	.....	232	299
Jackson.....	58	128	59	140
Jefferson.....	135	118	157	119
Lewis—Higginsport Precinct.....	178	165	197	181
“ Freesburg “.....	76	133	90	142
Perry.....	50	435	78	455
Pike.....	68	118	89	136
Pleasant.....	204	306	228	286
Scott.....	47	99	71	122
Sterling.....	114	125	126	138
Union.....	653	386	694	400
Washington.....	81	118	76	119
Totals.....	2325	2855	2593	3337

## BUTLER COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant	Horace Gresley.
Fairfield—Eastern Precinct.....	54	153	54	157
“       Western       “.....	97	188	96	206
Hanover.....	74	165	78	172
Lemon.....	514	606	524	652
Liberty.....	140	167	141	152
Madison.....	155	371	139	389
Milford.....	104	254	116	264
Morgan.....	109	210	108	214
Oxford.....	403	295	433	302
Reiley.....	74	236	79	258
Ross.....	119	212	122	215
St. Clair.....	65	174	64	174
Union.....	140	270	135	258
Wayne.....	138	190	131	194
Hamilton—1st Ward.....	202	312	200	319
“       2d       “.....	123	411	136	362
“       3d       “.....	269	368	297	349
“       4th       “.....	97	305	140	289
Totals.....	2877	4887	2993	4926

## CARROLL COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Augusta.....	139	70	143	77
Brown—Minerva Precinct.....	95	45	99	41
“       Malvern       “.....	183	111	195	121
Centre.....	178	126	178	122
East.....	72	82	80	80
Fox.....	159	74	152	68
Harrison.....	132	67	132	66
Lee.....	95	106	88	106
London.....	98	87	103	82
Monroe.....	86	96	99	91
Orange.....	159	69	183	64
Perry.....	85	133	85	136
Rose.....	83	114	98	122
Union.....	61	80	61	79
Washington.....	116	31	116	28
Totals.....	1741	1291	1817	1283

## CHAMPAIGN COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams .....	96	115	113	148
Concord .....	107	106	111	108
Goshen .....	365	105	374	103
Harrison .....	119	77	123	79
Jackson .....	182	170	215	184
Johnson .....	41	181	39	198
“ St. Paris Precinct .....	109	138	109	149
Mad River .....	73	280	90	298
Rush—Lewisburg Precinct .....	175	43	183	57
“ Woodstock “ .....	140	18	155	21
Salem .....	233	123	263	127
Union .....	203	97	222	118
Urbana .....	208	81	213	83
Wayne .....	209	77	247	85
Urbana—1st Ward .....	254	110	262	120
“ 2d “ .....	222	115	234	118
“ 3d “ .....	94	168	106	189
Totals .....	2830	2004	3059	2185

## CLARKE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bethel—Donnellsville Precinct .....	123	80	117	89
“ Medway “ .....	76	60	83	69
“ New Carlisle “ .....	170	48	158	42
German .....	108	299	110	298
Greene .....	234	24	249	44
Harmony .....	233	114	267	107
Madison .....	301	119	315	128
Mad River .....	169	177	181	179
Moorefield .....	183	93	183	105
Pike .....	132	152	126	162
Pleasant .....	235	52	259	69
Springfield .....	352	215	392	210
Springfield—1st Ward .....	202	242	230	242
“ 2d “ .....	282	246	308	236
“ 3d “ .....	521	214	554	193
“ 4th “ .....	305	302	304	286
“ 5th “ .....	249	145	259	153
Totals .....	3874	2582	4095	2612

## CLERMONT COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Batavia.....	355	343	324	314
Franklin.....	304	378	308	407
Goshen.....	175	180	181	191
Jackson.....	152	181	168	171
Miami—Loveland Precinct.....	109	193	127	198
“ Milford “.....	141	107	137	118
“ Newbury “.....	100	47	99	53
Monroe.....	191	207	195	215
Ohio.....	391	313	398	303
Pierce.....	145	236	132	250
Stone Lick.....	160	214	168	214
Tate.....	296	282	282	270
Union.....	139	245	126	256
Washington—				
Neville Precinct.....	104	103	127	92
North “.....	68	132	69	131
Moscow “.....	89	79	92	82
Wayno.....	148	246	148	241
Williamsburg.....	329	166	327	152
Totals.....	3376	3652	3408	3658

## CLINTON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams.....	174	26	165	27
Chester.....	251	38	251	41
Clark.....	313	95	309	100
Green—				
New Antioch Precinct.....	127	79	123	80
New Vienna “.....	216	148	206	145
Jefferson.....	131	79	164	83
Liberty.....	158	75	160	79
Marion.....	179	176	179	194
Richland.....	195	222	200	230
Union.....	779	262	789	256
Vernon.....	204	133	222	118
Washington.....	107	131	117	129
Wayne.....	130	159	135	150
Wilson.....	86	132	85	154
Totals.....	3050	1755	3105	1786

## COLUMBIANA COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Butler.....	233	98	243	93
Center.....	408	244	419	243
Elkrun.....	156	150	167	136
Fairfield.....	342	202	243	175
Franklin.....	40	149	41	147
Hanover.....	323	187	325	179
Knox.....	182	235	197	210
Liverpool.....	304	218	334	213
Madison.....	115	105	122	79
Middleton.....	198	81	211	64
Perry.....	682	256	711	252
Salem.....	445	333	460	266
St. Clair.....	102	101	113	107
Unity.....	181	240	187	208
Washington.....	295	132	320	122
Wayne.....	59	98	58	99
West.....	192	141	228	123
Yellow Creek.....	376	231	394	190
Totals.....	4633	3201	4773	2897

## COSHOCOTON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams.....	91	105	105	110
Bedford.....	112	74	122	76
Bethlehem.....	78	80	83	82
Clark.....	74	101	41	211
Crawford.....	32	186	75	114
Franklin.....	73	102	76	101
Jackson.....	190	184	197	168
Jefferson.....	78	123	87	136
Keene.....	113	62	116	58
Lafayette.....	59	97	69	104
Linton.....	112	165	137	177
Millcreek.....	42	75	48	89
Monroe.....	83	94	85	95
New Castle.....	75	112	78	113
Oxford.....	81	107	88	111
Perry.....	52	122	62	141
Pike.....	86	80	83	79
Tiverton.....	49	108	49	114
Tuscarawas.....	316	387	331	374
Virginia.....	116	69	123	68
Washington.....	86	58	96	52
White Eyes.....	98	74	101	83
Totals.....	2096	2565	2252	2656

## CRAWFORD COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Anburn .....	90	96	99	104
Bueyrus .....	351	540	394	572
Chatfield .....	16	196	29	241
Cranberry .....	41	230	49	274
Dallas .....	47	27	52	35
Holmes .....	111	185	125	205
Jackson—				
Eastern Precinct .....	223	368	219	386
Western     " .....	44	133	52	152
Liberty .....	177	136	187	167
Lykins .....	73	146	77	150
Polk .....	352	595	420	634
Sandusky .....	49	75	56	85
Texas .....	60	55	62	62
Tod .....	77	123	99	143
Vernon .....	37	154	40	164
Whetstone .....	98	199	121	221
Totals .....	1846	3258	2081	3595

## CUYAHOGA COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bedford .....	219	114	232	90
Brecksville .....	113	48	142	44
Brooklyn .....	303	159	315	119
Chagrin Falls .....	252	48	249	46
Dover .....	153	125	161	125
East Cleveland .....	801	343	266	116
Euclid .....	271	148	248	88
Independence .....	129	107	141	79
Mayfield .....	110	74	120	51
Middleburg .....	381	254	418	225
Newburgh .....	725	359	846	255
Olmstead .....	171	129	196	95
Orange .....	111	59	104	34
Parma .....	109	144	121	121
Rockport .....	180	161	205	136
Royalton .....	183	44	190	33
Solon .....	127	64	134	58
Strongsville .....	136	43	133	43
Warrensville .....	126	104	133	62



## CUYAHOGA COUNTY—Continued.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
West Cleveland.....	85	29	85	20
Cleveland—1st ward.....	939	635	1009	486
“ 2d “.....	801	451	852	361
“ 3d “.....	427	236	465	253
“ 4th “.....	1001	764	1065	592
“ 5th “.....	609	981	653	828
“ 6th “.....	1511	760	1536	601
“ 7th “.....	492	491	524	435
“ 8th “.....	259	646	284	572
“ 9th “.....	565	472	638	384
“ 10th “.....	667	405	708	338
“ 11th “.....	566	752	669	627
“ 12th “.....	348	217	380	182
“ 13th “.....	347	280	363	229
“ 14th “.....	134	70	133	54
“ 15th “.....	211	153	226	133
“ 16th “.....			258	53
“ 17th “.....			249	65
Totals .....	13,562	9959	14,451	8033

## DARKE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams—East Precinct .....	88	71	91	72
“ West “.....	161	120	170	85
Allen.....	50	83	60	75
Brown.....	105	185	103	145
Butler.....	114	189	134	155
Franklin.....	136	98	157	43
German.....	198	128	203	111
Greenville.....	480	707	523	519
Harrison.....	164	251	168	212
Jackson—Eastern Precinct .....	75	86	73	75
“ Western “.....	105	146	120	126
Mississinewa.....	62	91	77	98
Monroe.....	101	98	107	84
Neave.....	64	126	80	102
Patterson.....	101	71	113	58
Richland.....	59	157	60	123
Twin.....	196	233	216	200
Van Buren.....	102	114	112	90
Wabash.....	102	51	100	33
Washington.....	168	105	169	68
Wayne.....	164	239	159	222
York.....	75	76	74	64
Totals .....	2870	3425	3069	2760

## ANNUAL REPORT OF THE

## DEFIANCE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams .....	42	159	46	191
Defiance .....	238	451	280	435
Delaware .....	37	120	48	143
Farmer .....	117	84	119	63
Hicksville .....	95	156	116	117
Highland .....	77	101	81	112
Mark .....	35	48	44	54
Milford .....	94	123	109	91
Noble .....	35	96	43	107
Richland .....	66	137	86	151
Tiffin .....	58	98	68	125
Washington .....	47	139	53	131
Totals .....	941	1712	1093	1720

## DELAWARE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Berkshire .....	182	103	196	103
Berlin .....	146	94	159	100
Brown .....	120	71	119	63
Concord .....	92	111	90	95
Delaware .....	708	566	754	600
Genoa .....	88	118	91	125
Harlem .....	79	98	76	88
Kingston .....	97	23	104	20
Liberty .....	113	123	131	119
Marlboro .....	57	34	59	35
Orange .....	128	72	144	58
Oxford .....	147	101	151	82
Porter .....	128	47	131	38
Radnor .....	164	56	184	40
Scioto .....	110	213	120	161
Thompson .....	44	128	50	100
Trenton .....	70	127	69	103
Troy .....	91	82	94	83
Totals .....	2564	2167	2713	2013

## ERIE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Berlin .....	301	130	303	120
Florence .....	169	110	160	93
Groton .....	100	105	91	100
Huron .....	223	111	214	117
Kelley's Island .....	87	63	73	81
Margaretta .....	266	111	261	92
Milan .....	343	140	352	130
Oxford .....	133	101	122	91
Perkins .....	172	163	169	129
Vermillion .....	175	183	183	139
Sandusky—1st ward .....	270	229	246	207
“ 2d “ .....	305	241	310	192
“ 3d “ .....	210	304	207	258
“ 4th “ .....	164	305	161	261
“ 5th “ .....	48	343	53	277
Totals .....	2966	2639	2905	2287

## FAIRFIELD COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Amanda .....	127	190	150	183
Berne .....	107	349	125	374
Bloom .....	100	266	117	289
Clear Creek .....	116	219	141	242
Greenfield .....	203	177	221	190
Hocking .....	131	180	142	185
Liberty .....	173	405	178	446
Madison .....	77	143	93	171
Pleasant .....	157	282	182	266
Richland .....	123	184	137	191
Rush Creek .....	176	132	197	155
Violet .....	88	274	104	277
Walnut .....	160	246	208	268
Lancaster—1st ward .....	165	195	178	199
“ 2d “ .....	125	102	130	97
“ 3d “ .....	100	175	107	165
“ 4th “ .....	74	123	70	125
“ 5th “ .....	55	57	60	65
Totals .....	2257	3699	2540	3888

## FAYETTE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Concord.....	84	88	92	92
Greene.....	89	81	92	88
Jasper.....	191	172	205	177
Jefferson.....	295	192	322	204
Madison.....	137	132	144	119
Marion.....	65	103	73	108
Paint.....	244	95	281	99
Perry.....	171	63	188	67
Union.....	560	459	578	439
Wayne.....	161	140	165	152
Totals.....	1997	1530	2140	1545

## FRANKLIN COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Blendon.....	234	162	266	159
Brown.....	74	54	87	68
Clinton.....	69	175	88	153
Franklin.....	109	214	142	209
Hamilton.....	108	159	143	184
Jackson.....	87	241	96	251
Jefferson.....	46	193	59	221
Madison.....	218	393	260	436
Mifflin.....	118	181	148	203
Montgomery.....	45	154	48	156
Norwich.....	131	149	158	149
Perry.....	121	113	145	107
Plain.....	117	164	124	165
Pleasant.....	144	207	169	211
Prairie.....	132	135	142	148
Sharon.....	118	84	145	70
Worthington Precinct.....	53	36	53	30
Tnro.....	170	183	210	170
Washington.....	78	142	95	133
Columbus—1st Ward.....	334	244	372	242
“ 2d “.....	386	135	413	127
“ 3d “.....	288	222	318	200
“ 4th “.....	318	453	342	516
“ 5th “.....	135	450	170	484
“ 6th “.....	59	684	53	835
“ 7th “.....	307	447	384	437
“ 8th “.....	535	417	618	421
“ 9th “.....	181	347	238	389
“ 10th “.....	163	301	233	262
“ 11th “.....	65	192	77	209
Totals.....	4998	7031	5796	7345

## FULTON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Amboy .....	163	56	167	42
Chesterfield .....	138	56	137	27
Clinton .....	130	30	487	133
Dover .....	106	176	149	23
Franklin .....	102	64	101	58
Fulton .....	145	34	188	71
German .....	138	26	137	143
Gorham .....	179	81	131	85
Pike .....	126	64	149	21
Royalton .....	232	141	147	47
Swan Creek .....	464	186	147	41
York .....	123	133	270	135
Totals.....	2051	1047	2210	826

## GALLIA COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Addison .....	132	139	142	130
Cheshire .....	248	82	269	90
Clay .....	116	83	140	103
Gallipolis .....	106	57	114	56
Greene .....	181	86	184	83
Greenfield .....	143	91	141	61
Guayan .....	108	100	122	127
Harrison .....	98	86	125	82
Huntington .....	206	62	214	71
Morgan .....	122	125	121	124
Ohio .....	84	97	90	100
Perry .....	132	48	147	47
Raccoon .....	242	49	264	54
Springfield .....	172	94	171	111
Walnut .....	132	83	162	100
Gallipolis—1st Ward .....	73	111	65	107
“ 2d “ .....	147	72	149	52
“ 3d “ .....	232	56	235	51
Totals.....	2674	1521	2855	1554

## GEAUGA COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Anburn .....	131	35	140	26
Bainbridge .....	127	39	129	41
Burton .....	200	57	209	48
Chardon .....	312	77	320	86
Chester .....	151	11	154	10
Claridon .....	161	28	174	27
Hampden .....	172	11	179	1
Huntsburg .....	151	31	156	25
Middlefield .....	133	40	146	38
Montville .....	132	34	142	36
Munson .....	146	41	154	38
Newberry .....	173	30	178	27
Parkman .....	147	82	161	79
Russell .....	135	22	137	14
Thompson .....	160	81	146	81
Troy .....	180	29	186	23
Totals .....	2611	648	2711	600

## GREENE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bath—				
Fairfield Precinct .....	137	135	138	161
Osborn     " .....	105	117	117	134
Beaver Creek .....	260	160	275	170
Cesar's Creek .....	108	89	120	101
Cedarville .....	404	91	415	91
New Jasper .....	141	34	153	48
Jefferson .....	131	132	149	144
Miami—				
Eastern Precinct .....	68	43	75	49
Western     " .....	267	132	284	137
Ross .....	136	102	146	116
Silver Creek .....	311	103	312	101
Spring Valley .....	193	147	204	147
Sugar Creek .....	203	139	208	135
Xenia .....	465	111	503	110
Xenia—1st Ward .....	164	50	168	49
" 2d     " .....	131	53	139	60
" 3d     " .....	236	74	236	80
" 4th    " .....	340	20	359	16
" 5th    " .....	65	119	68	112
Totals .....	3855	1851	4069	1961



## GUERNSEY COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams .....	92	52	93	51
Cambridge .....	467	316	451	320
Center .....	70	122	71	104
Jackson .....	94	70	93	79
Jefferson .....	105	58	109	57
Knox .....	54	75	56	79
Liberty .....	129	79	137	85
Londonderry .....	138	62	153	62
Madison .....	143	87	136	84
Milwood .....	165	138	182	129
Monroe .....	91	81	87	66
Oxford .....	180	158	189	138
Richland .....	140	122	147	127
Spencer .....	204	100	208	92
Valley .....	64	91	69	83
Washington .....	85	57	84	54
Westland .....	143	52	140	37
Wheeling .....	78	49	93	64
Wills .....	119	198	131	190
Totals.....	2551	1967	2629	1901

## HAMILTON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Anderson—				
Central Precinct .....	99	146	112	174
North “ .....	45	215	61	211
South “ .....	43	153	55	178
Columbia .....			57	
East Precinct .....	52	48		60
Central “ .....	163	215	196	225
West “ .....	86	89	107	99
Colerain—N. E. Precinct .....	120	284	133	318
S. W. “ .....	109	136	113	153
Crosby .....	78	93	85	86
Delhi—Eastern Precinct .....	114	72	115	92
Western “ .....	101	91	105	102
Riverside “ .....	75	88	77	87
Greene .....	385	323	379	338
Harrison .....	163	212	179	211
Miami .....	184	194	202	188

## HAMILTON COUNTY—Continued.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Mill Creek—Avondale Precinct .....	160	97	175	99
Clifton " .....	44	65	51	76
Northeast " .....	116	100	143	97
Southeast " .....	64	106	58	99
St. Bernard " .....	60	140	77	162
Western " .....	469	439	475	456
Spencer .....	150	174	150	179
Springfield—Northeast Precinct .....	183	193	196	205
Southeast " .....	227	115	262	113
West " .....	133	241	161	252
Sycamore—East Precinct .....	125	170	140	160
Reading Precinct .....	159	320	187	347
Sharonville Precinct .....	88	123	91	119
Symmes—Camp Dennison Precinct .....	57	60	54	57
North " .....	90	72	93	76
Whitewater .....	85	149	97	148
Cincinnati—				
1st Ward—1st Precinct .....	153	227	176	211
2d " .....	347	442	395	437
2d Ward—1st " .....	426	397	454	418
2d " .....	176	117	184	113
3d Ward .....	567	1225	638	1207
4th Ward—1st Precinct .....	169	823	221	869
2d " .....	265	415	292	406
5th Ward .....	427	917	454	911
6th " .....	672	877	708	916
7th " .....	689	769	736	806
8th " .....	439	1130	482	1164
9th " .....	685	748	742	740
10th " .....	851	723	941	725
11th " .....	790	641	873	627
12th Ward—1st Precinct .....	211	196	220	180
2d " .....	283	280	335	286
13th Ward .....	679	828	695	894
14th " .....	645	612	665	669
15th " .....	680	668	752	707
16th " .....	496	843	556	878
17th " .....	739	810	806	867
18th " .....	789	919	875	932
19th " .....	386	1058	515	1075
20th " .....	606	766	644	841
21st Ward—1st Precinct .....	85	375	107	428
2d " .....	271	527	281	571
22d Ward .....	566	693	652	736
23d " .....	711	639	764	686
24th Ward—1st Precinct .....	292	221	292	251
2d " .....	238	207	242	223
Totals .....	18,360	24,013	20,083	24,941

## HANCOCK COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Allen .....	142	75	75	130
Amanda .....	108	202	93	184
Big Lick .....	104	125	97	119
Blanchard .....	157	97	164	91
Cass .....	93	74	90	68
Delaware .....	165	126	166	110
Eagle .....	90	166	92	146
Findlay .....	528	440	510	411
Jackson .....	81	143	83	130
Liberty .....	128	91	127	84
Madison .....	74	103	80	108
Marion .....	99	113	99	104
Orange .....	85	137	92	118
Pleasant .....	143	164	141	134
Portage .....	98	109	88	89
Union .....	114	173	123	161
Van Buren .....	42	101	43	98
Washington .....	162	184	148	164
Totals .....	2346	2690	2311	2449

## HARDIN COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Blanchard .....	182	123	180	111
Buck .....	159	134	154	122
Cessna .....	65	100	67	88
Dudley .....	157	99	154	84
Goshen .....	90	102	91	108
Hale .....	77	207	209	74
Jackson .....	148	190	166	172
Marion .....	116	44	111	47
McDonald .....	129	93	132	83
Liberty .....	219	321	215	293
Pleasant .....	408	536	409	493
Lynn .....	66	57	68	60
Round Head .....	116	58	114	50
Taylor Creek .....	103	74	99	70
Washington .....	63	130	69	115
Totals .....	2228	2138	2238	1970

## HARRISON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Archer .....	54	98	59	106
Athens .....	104	134	106	142
Cadiz .....	417	211	413	210
Franklin .....	153	78	161	80
Freeport .....	103	71	121	75
German .....	95	156	105	169
Greene .....	154	147	157	158
Monroe .....	118	93	127	88
Moorefield .....	97	130	96	137
North .....	158	90	174	102
Nottingham .....	123	47	135	55
Rumley .....	103	144	107	137
Short Creek .....	298	68	313	78
Stock .....	78	85	83	85
Washington .....	130	77	146	73
Totals .....	2185	1629	2303	1695

## HENRY COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bartlow .....	12	20	18	27
Damascus .....	117	98	121	93
Flat Rock .....	98	138	112	143
Freedom .....	22	95	33	110
Harrison .....	136	101	143	99
Liberty .....	128	216	130	171
Marion .....	21	68	25	63
Monroe .....	12	98	17	87
Napoleon .....	277	414	302	385
Pleasant .....	21	159	30	137
Richfield .....	68	34	72	33
Ridgeville .....	50	58	54	67
Washington .....	94	99	103	95
Totals .....	1056	1598	1160	1510

## HIGHLAND COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Brush Creek—North Precinct.....	77	50	74	51
South       “ .....	112	71	112	67
Clay .....	150	108	141	121
Concord .....	135	143	133	142
Dodson.....	134	252	142	245
Hamer .....	49	173	49	163
Fairfield.....	384	171	388	170
Jackson .....	71	127	66	118
Liberty.....	620	463	620	447
Madison .....	448	278	468	260
Marshall .....	74	98	72	93
New Market.....	83	164	83	164
Paint—North Precinct .....	126	107	127	103
South       “ .....	194	121	188	109
Penn .....	164	125	168	134
Salem .....	56	157	59	145
Union .....	118	178	116	174
Washington .....	169	132	64	117
White Oak .....	100	111	101	110
Totals.....	3164	3029	3171	2933

## HOCKING COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wiley.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Benton .....	90	177	99	162
Falls .....	335	479	364	464
Goodhope .....	42	111	70	116
Green .....	113	132	133	108
Laurel .....	68	181	68	166
Marion .....	63	187	73	178
Perry .....	62	195	89	211
Salt Creek .....	45	140	61	153
Starr .....	173	91	186	93
Ward .....	67	100	87	83
Washington .....	118	138	120	126
Totals.....	1176	1931	1350	1860

## HOLMES COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Berlin.....	54	93	73	126
German.....	27	142	26	185
Hardy.....	147	429	173	375
Kilbuck.....	51	184	55	179
Knox.....	42	153	49	136
Mechanic.....	59	141	69	152
Monroe.....	67	119	73	116
Paint.....	43	188	54	207
Prairie.....	88	177	111	190
Richland.....	50	237	60	225
Ripley.....	112	135	115	129
Salt Creek.....	91	172	104	189
Walnut Creek.....	11	144	23	167
Washington.....	88	141	104	154
Totals.....	930	2451	1089	2530

## HURON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bronson.....	149	89	148	84
Clarksfield.....	211	49	211	49
Fairfield.....	247	78	253	71
Fitchville.....	165	39	160	24
Greenfield.....	128	98	136	95
Greenwich.....	143	57	143	51
Hartland.....	174	44	177	32
Lyme.....	271	229	270	203
New London.....	281	74	284	49
New Haven.....	81	104	82	94
Norwalk.....	748	604	762	510
Norwich.....	143	102	147	90
Pern.....	87	157	88	153
Richmond.....	96	70	104	66
Ridgefield.....	255	265	263	236
Ripley.....	179	62	177	55
Sherman.....	38	207	39	192
Townsend.....	221	79	218	76
Wakeman.....	184	72	73	17
Plymouth Precinct.....	78	37	77	35
Totals.....	3879	2516	3812	2182



## JACKSON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bloomfield.....	198	89	194	79
Franklin.....	180	110	165	102
Hamilton.....	117	36	129	25
Jackson.....	134	158	142	167
Jefferson.....	399	131	377	105
Liberty.....	135	165	125	152
Lick.....	442	402	446	334
Madison.....	290	113	277	115
Milton.....	206	231	218	210
Scioto.....	97	178	86	157
Washington.....	96	116	99	109
Totals.....	2,294	1,729	2258	1555

## JEFFERSON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Brush Creek.....	74	57	73	52
Cross Creek.....	188	116	215	125
Island Creek.....	167	99	178	92
Knox.....	132	119	131	116
Mount Pleasant.....	218	72	235	71
Ross.....	93	49	98	52
Salem.....	173	175	188	165
Saline.....	238	81	273	69
Sloan's Station Precinct.....	65	53	57	40
Smithfield—1st Precinct.....	205	68	221	59
“ 2d “.....	85	52	88	49
Springfield.....	90	86	98	78
Warren.....	135	147	164	152
Wayne.....	242	124	254	120
Wells—1st Precinct.....	44	79	49	89
“ 2d “.....	63	52	67	58
Staubenville—1st Ward.....	204	97	221	99
“ 2d “.....	345	114	400	125
“ 3d “.....	259	154	285	140
“ 4th “.....	192	198	199	184
“ 5th “.....	95	39	102	43
“ 6th “.....	111	67	120	55
“ Township.....	47	66	60	69
Totals.....	3455	2164	3776	2102

## ANNUAL REPORT OF THE

## KNOX COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace. Greeley.
Berlin .....	86	112	89	98
Brown .....	88	157	84	127
Butler .....	56	91	50	95
Clay .....	118	97	108	72
Clinton .....	101	143	95	122
College .....	96	68	95	59
Harrison .....	22	128	21	97
Hilliar .....	112	126	103	91
Howard .....	104	112	99	92
Jackson .....	33	144	31	116
Jefferson .....	118	136	124	123
Liberty .....	94	134	86	109
Middlebury .....	105	77	112	70
Milford .....	110	116	115	104
Miller .....	110	84	111	47
Monroe .....	96	142	90	143
Morgan .....	72	74	75	71
Morris .....	89	106	91	90
Pike .....	69	207	63	207
Pleasant .....	78	122	84	100
Union .....	92	141	107	123
Wayne .....	223	161	229	164
Mt. Vernon—				
1st Ward .....	122	128	112	115
2d   " .....	81	78	94	74
3d   " .....	112	64	114	59
4th  " .....	161	59	157	52
5th  " .....	237	127	234	110
Totals .....	2785	3132	2773	2730

## LAKE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace. Greeley.
Concord .....	149	44	159	46
Kirtland .....	161	84	169	68
Leroy .....	150	51	158	48
Madison .....	542	152	569	138
Mentor .....	313	85	328	85
Painesville .....	671	370	723	361
Perry .....	249	65	280	57
Willoughby .....	373	175	365	176
Totals .....	2608	1026	2751	979

## LAWRENCE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Aid .....	166	23	219	21
Decatur .....	79	125	113	108
Elizabeth .....	250	247	301	240
Fayette .....	156	63	222	82
Hamilton .....	141	69	134	77
Lawrence .....	97	24	157	19
Mason .....	126	113	167	140
Perry .....	132	69	200	81
Rome .....	171	126	186	174
Symmes .....	86	41	113	47
Union .....	170	42	226	55
Upper .....	217	63	285	69
Washington .....	89	48	98	58
Windsor .....	146	82	192	99
Ironton—1st Ward .....	181	57	204	53
“ 2d “ .....	216	123	225	131
“ 3d “ .....	204	84	219	78
“ 4th “ .....	184	46	195	53
“ 5th “ .....	159	45	168	52
Totals .....	2970	1490	3624	1637

## LICKING COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	Grant.	Horace Greeley.
Bennington .....	65	124	61	118
Bowling Green .....	63	159	66	164
Burlington .....	95	121	112	107
Eden .....	30	111	31	123
Etna .....	76	178	78	160
Fallsburgh .....	66	82	74	82
Franklin .....	39	150	34	150
Granville .....	340	151	363	155
Hanover .....	81	136	91	151
Hartford .....	132	132	134	122
Harrison .....	160	120	173	111
Hopewell .....	33	140	47	143
Jersey .....	135	136	142	118
Liberty .....	88	92	92	83
Licking .....	52	223	55	218

## LICKING COUNTY—Continued.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Lima .....	176	184	190	187
Madison .....	73	124	83	144
Mary Ann .....	49	117	63	116
McKean .....	79	139	79	131
Monroe .....	76	137	87	124
Newark .....	83	151	84	158
Newton .....	96	179	107	178
Perry .....	87	108	96	111
St. Albans .....	176	104	172	108
Union .....	114	279	114	282
Washington .....	157	104	157	110
Newark—1st Ward .....	206	223	221	214
“ 2d “ .....	112	266	137	257
“ 3d “ .....	103	239	134	240
“ 4th “ .....	190	191	216	197
Totals.....	3237	4610	3493	4562

## LOGAN COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bloomfield.....	56	78	59	81
Bokes Creek .....	229	72	238	64
Harrison .....	100	100	103	98
Jefferson .....	172	177	172	166
Lake .....	393	174	418	345
Liberty .....	202	134	216	130
McArthur .....	166	116	163	102
Miami—DeGraff Precinct.....	125	85	131	84
Quincey “ .....	115	59	121	66
Monroe .....	170	103	186	100
Perry .....	144	51	153	44
Pleasant .....	87	102	86	115
Richland .....	170	87	173	94
Rush Creek.....	220	195	219	181
Stokes .....	40	120	39	118
Union .....	83	40	92	44
Washington .....	90	78	96	71
Zane .....	127	56	130	52
Totals.....	2694	2027	2795	1955

## LORAIN COUNTY.

Names of Wards and Townships.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Amherst.....	281	254	284	265
Avon.....	159	165	164	163
Black River.....	104	46	104	50
Brighton.....	120	11	118	7
Brownhelm.....	141	70	148	91
Carlisle.....	118	148	122	124
Camden.....	121	74	120	76
Columbia.....	134	52	136	51
Eaton.....	168	48	170	47
Elyria.....	620	288	625	277
Grafton.....	146	77	147	75
Henrietta.....	126	61	129	54
Huntington.....	134	62	134	53
La Grange.....	156	140	161	126
Penfield.....	139	40	142	37
Pittsfield.....	136	77	146	76
Ridgeville.....	172	141	182	129
Rochester.....	106	54	126	49
Russia.....	748	158	778	158
Sheffield.....	110	76	109	76
Wellington.....	387	121	387	113
Totals.....	4326	2153	4432	2097

## LUCAS COUNTY.

Names of Wards and Townships.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams.....	128	65	143	49
Manhattan.....	157	69	174	47
Monclova.....	139	42	134	41
Oregon.....	155	68	157	41
Providence.....	87	53	100	43
Richfield.....	102	46	116	49
Spencer.....	64	45	61	46
Springfield.....	82	61	94	46
Swanton.....	61	27	73	15
Sylvania.....	198	55	210	38

## LUCAS COUNTY—Continued.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Washington .....	183	73	210	36
Waterville .....	60	95	60	76
Waynesfield .....	28	20	29	17
Whitehouse .....	67	71	79	48
Maumee City—1st Ward .....	114	41	122	41
“ 2d “ .....	62	41	70	34
“ 3d “ .....	23	26	26	26
Toledo—1st Ward .....	415	282	489	203
“ 2d “ .....	506	400	531	289
“ 3d “ .....	622	360	277	296
“ 4th “ .....	363	610	433	443
“ 5th “ .....	387	644	475	512
“ 6th “ .....	153	158	172	138
“ 7th “ .....	382	307	418	243
“ 8th “ .....	163	338	200	266
Totals .....	4701	3797	5253	3083

## MADISON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Canaan .....	108	45	110	52
Darby .....	109	79	111	74
Deerereck .....	70	104	73	100
Fairfield .....	157	89	176	92
Jefferson .....	222	193	235	173
Monroe .....	45	27	51	38
Oakrun .....	54	50	58	52
Paint .....	126	91	144	100
Pike .....	68	27	69	25
Pleasant .....	171	111	192	117
Range .....	80	203	85	233
Stokes .....	82	125	86	123
Summerford .....	108	85	111	83
Union .....	412	361	433	363
Totals .....	1812	1590	1934	1625



## MAHONING COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Austintown .....	205	193	222	184
Beaver .....	157	234	176	206
Berlin .....	111	108	112	99
Boardman .....	105	69	115	61
Canfield .....	183	217	174	202
Coitsville .....	143	70	147	63
Ellsworth .....	81	68	80	55
Goshen .....	263	80	258	82
Greene .....	201	209	195	185
Jackson .....	101	125	94	117
Milton .....	45	115	49	106
Poland—1st precinct .....	203	56	218	45
“ 2d precinct .....	179	61	177	45
Springfield .....	115	334	112	314
Smith .....	283	96	286	78
Youngstown .....	293	192	320	148
Youngstown city—1st Ward .....	295	200	314	158
“ “ 2d “ .....	227	230	240	166
“ “ 3d “ .....	180	162	200	115
“ “ 4th “ .....	134	85	147	55
“ “ 5th “ .....	125	50	121	34
Totals .....	3629	2954	3757	2518

## MARION COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Big Island .....	118	103	118	93
Bowling Green .....	40	140	39	135
Claridon—North Precinct .....	79	99	88	96
“ South Precinct .....	73	58	79	48
Grand .....	50	34	53	35
Grand Prairie .....	36	45	34	47
Green Camp .....	105	107	108	113
Marion .....	383	426	186	409
Montgomery .....	149	176	156	152
Pleasant .....	88	106	95	110
Prospect .....	114	171	119	137
Richland .....	45	180	46	170
Salt Rock .....	61	24	63	22
Scott .....	22	91	30	72
Tully .....	62	98	65	105
Waldo .....	63	122	61	98
Totals .....	1488	1980	1340	1842

## MEDINA COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Brunswick .....	171	55	170	49
Chatham .....	158	57	160	49
Granger .....	177	56	189	47
Guilford .....	227	195	237	167
Harrisville.....	172	105	184	95
Hinckley .....	186	39	197	43
Homer.....	56	142	61	123
Lafayette.....	150	85	156	83
Litchfield .....	149	83	155	68
Liverpool .....	63	192	71	191
Medina.....	120	45	125	41
Medina Village .....	221	41	223	39
Montville .....	96	86	96	81
Sharon .....	120	164	121	155
Spencer .....	91	123	99	119
Wadsworth.....	278	190	308	180
Westfield.....	105	108	108	104
York .....	137	58	144	61
Totals.....	2682	1824	2794	1695

## MEIGS COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bedford .....	112	181	122	135
Chester .....	167	106	172	104
Columbia .....	110	104	114	95
Lebanon .....	166	100	200	97
Letart .....	96	72	113	66
* Middleport Precinct .....	213	61	217	31
"    1st Ward .....	138	39	141	32
"    2d " .....	150	27	141	23
"    3d " .....	133	32	122	27
Olive .....	121	109	146	88
Orange .....	96	88	94	81
* Pomeroy Precinct .....	115	101	118	113
Rutland .....	334	116	396	112
Salem .....	205	103	218	94
Scipio .....	200	133	212	129
Sutton—Racine Precinct .....	151	79	160	71
"    Syracuse " .....	251	138	247	133
Pomeroy—1st Ward .....	109	36	120	27
"    2d " .....	93	110	89	109
"    3d " .....	274	186	279	169
"    4th " .....	77	85	80	71
Totals.....	3361	2006	3501	1812

\* Salisbury township.

## MERCER COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Blackcreek .....	44	121	72	123
Butler .....	69	125	68	149
Center .....	93	121	115	125
Dublin .....	107	173	112	181
Franklin .....	24	82	28	124
Gibson .....	57	105	68	114
Granville .....	44	157	51	177
Hopewell .....	33	110	45	118
Jefferson .....	67	276	87	264
Liberty .....	22	69	31	87
Marion .....	78	206	58	293
Recovery .....	22	149	34	148
Union .....	173	88	192	93
Washington .....	51	123	65	94
Totals.....	884	1905	1026	2090

## MIAMI COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bethel .....	155	112	159	182
Brown .....	130	213	138	228
Concord—1st Precinct .....	342	184	345	203
“ 2d “ .....	251	176	260	191
Elizabeth .....	118	119	130	126
Lost Creek .....	166	127	165	137
Monroe .....	342	202	354	213
Newton .....	220	100	282	114
Newberry—East Precinct .....	228	218	252	252
“ West “ .....	69	77	98	94
Spring Creek .....	162	212	163	232
Stanton .....	177	86	188	106
Union .....	425	94	480	110
Washington .....	122	105	136	120
Piqua—1st Ward .....	94	110	103	123
“ 2d “ .....	87	249	92	267
“ 3d “ .....	178	97	198	110
“ 4th “ .....	199	102	210	102
Totals.....	3469	2643	3753	2910

## MONROE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams .....	42	155	48	136
Benton .....	35	105	37	111
Bethel .....	70	100	80	112
Centre .....	103	360	109	332
Franklin .....	128	112	136	117
Green .....	34	148	36	159
Jackson .....	40	165	42	180
Lee .....	35	143	31	144
Malaga .....	81	197	91	193
Ohio .....	119	149	147	149
Perry .....	64	106	76	103
Salem .....	116	168	151	148
Seneca .....	45	137	49	151
Sunbury .....	95	202	95	189
Summit .....	30	145	38	163
Switzerland .....	30	101	56	114
Washington .....	33	229	53	217
Wayne .....	30	155	32	160
Totals .....	1130	2877	1307	2878

## MONTGOMERY COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Butler .....	290	197	284	182
Clay .....	300	289	297	286
German .....	419	391	432	363
Harrison .....	202	226	187	211
Jackson .....	166	336	161	337
Jefferson .....	756	538	653	481
Madison .....	136	257	127	241
Mad River .....	148	204	163	201
Miami .....	474	621	462	607
Perry .....	199	216	191	221
Randolph .....	155	239	159	234
Van Buren .....	172	219	173	230
Washington .....	261	159	265	155
Wayne .....	143	132	137	119
Dayton—1st Ward .....	274	350	274	332
“ 2d “ .....	334	235	335	234
“ 3d “ .....	471	252	469	257
“ 4th “ .....	294	201	304	191
“ 5th “ .....	360	294	366	276
“ 6th “ .....	460	375	459	371
“ 7th “ .....	228	499	220	488
“ 8th “ .....	251	595	255	581
“ 9th “ .....	245	152	246	143
“ 10th “ .....	104	75	101	71
“ 11th “ .....	266	397	278	371
Totals .....	7108	7449	6998	7183

## MORGAN COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bloom.....	75	88	87	90
Bristol.....	115	150	121	151
Center.....	90	154	91	142
Deerfield.....	87	116	100	104
Homer.....	210	89	233	76
Malta.....	214	108	224	82
Manchester.....	40	97	50	82
Marion.....	316	59	335	54
Meigsville.....	114	117	124	99
Morgan.....	251	221	265	193
Penn.....	179	37	201	31
Union.....	147	149	168	136
Windsor.....	232	211	252	212
York.....	83	122	88	99
Totals.....	2153	1718	2339	1551

## MONROE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bennington.....	162	36	174	27
Canaan.....	114	110	120	92
Cardington.....	349	113	337	145
Chester.....	150	101	142	81
Congress.....	59	235	68	218
Franklin.....	93	138	90	122
Gilead.....	312	176	321	161
Harmony.....	61	110	61	109
Lincoln.....	134	62	129	57
North Bloomfield.....	112	129	114	135
Perry.....	37	179	31	171
Peru.....	117	67	122	53
South Bloomfield.....	153	104	142	69
Troy.....	73	72	73	74
Washington.....	138	75	138	71
Westfield.....	142	106	135	104
Totals.....	2206	1813	2197	1689

## MUSKINGUM COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams .....	52	82	55	83
Blue Rock .....	149	77	156	69
Brush Creek .....	115	133	112	121
Cass .....	71	77	67	75
Clay .....	68	90	72	84
Falls .....	157	142	152	127
Harrison .....	107	131	121	110
Highland .....	110	44	112	29
Hopewell .....	164	163	166	153
Jackson .....	141	134	139	129
Jefferson .....	145	101	154	83
Licking .....	125	83	128	75
Madison .....	115	72	130	77
Meigs .....	140	174	136	175
Monroe .....	98	91	103	74
Muskingum .....	88	102	95	112
Newton .....	196	194	214	204
Perry .....	56	135	61	138
Rich Hill .....	135	148	136	133
Salem .....	80	108	91	104
Salt Creek .....	104	118	107	109
Springfield .....	85	140	100	134
Union .....	179	121	180	112
Washington .....	71	158	88	169
Wayne .....	132	153	136	156
Zanesville—1st ward .....	199	111	200	103
“ 2d “ .....	175	232	193	212
“ 3d “ .....	153	232	158	205
“ 4th “ .....	126	169	128	173
“ 5th “ .....	235	184	232	193
“ 6th “ .....	92	198	103	179
“ 7th “ .....	147	70	145	65
“ 8th “ .....	125	229	142	231
“ 9th “ .....	229	112	246	108
Totals .....	4364	4508	4558	4304

## NOBLE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Beaver .....	134	174	134	152
Brookfield .....	102	100	109	79
Buffalo .....	57	96	57	88
Centre .....	235	83	232	67
Elk .....	90	181	100	168
Enoch .....	78	159	85	130
Jackson .....	110	111	120	113
Jefferson .....	192	60	196	55
Marion .....	239	60	235	55
Noble .....	116	140	108	133



NOBLE COUNTY—Continued.

Names of Townships and Wards.	Secretary of State.		President	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Olive .....	193	251	177	225
Seneca .....	113	76	120	52
Sharon .....	58	172	58	159
Stock .....	148	124	165	121
Wayne .....	119	37	120	30
Totals .....	1984	1823	2016	1627

OTTAWA COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bay .....	89	141	22	55
Benton .....	23	72	84	121
Carroll .....	40	130	53	79
Catawba Island .....	50	31	61	37
Clay .....	224	287	278	283
Danbury .....	77	136	83	118
Erie .....	39	51	47	37
Harris .....	205	263	222	242
Portage .....	102	123	116	110
Put-in-Bay .....	89	72	82	60
Salem .....	55	309	74	297
Totals .....	993	1615	1122	1439

PAULDING COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Anglaize .....	58	91	68	79
Benton .....	35	48	35	40
Blue Creek .....	37	6	37	5
Brown .....	88	91	99	85
Carryall .....	210	195	220	152
Crane .....	127	64	135	53
Emerald .....	63	55	61	45
Harrison .....	35	29	36	6
Jackson .....	64	62	58	37
Latty .....	36	40	32	33
Paulding .....	86	60	77	47
Washington .....	112	74	121	55
Totals .....	951	815	979	637

## PERRY COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bearfield .....	82	66	94	71
Clayton .....	115	125	127	113
Harrison .....	129	90	152	91
Hopewell .....	91	130	109	133
Jackson .....	99	184	118	202
Madison .....	98	41	105	44
Monday Creek .....	83	129	100	131
Monroe .....	109	106	119	108
Pike .....	228	335	246	324
Pleasant .....	80	50	81	48
Reading .....	265	365	322	374
Salt Lick .....	200	251	262	238
Thorn .....	58	261	72	295
Totals .....	1637	2134	1907	2172

## PICKAWAY COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Circleville .....	25	79	24	77
Darby .....	150	150	172	139
Deer Creek .....	126	176	144	177
Harrison .....	93	134	103	132
Jackson .....	88	124	102	101
Madison .....	25	146	30	140
Monroe .....	163	173	167	159
Muhlenburg .....	143	62	158	51
Perry .....	200	119	221	116
Pickaway .....	137	148	149	150
Salt Creek .....	178	183	195	169
Scioto .....	120	194	120	176
Walnut .....	118	165	125	169
Washington .....	22	176	32	165
Wayne .....	62	95	58	89
Circleville—1st ward .....	47	150	64	140
“ 2d “ .....	188	291	214	279
“ 3d “ .....	179	132	191	126
“ 4th “ .....	71	111	84	105
Totals .....	2135	2508	2353	2660

## PIKE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Benton .....	88	128	90	131
Beaver .....	33	95	30	87
Camp Creek .....	58	94	61	93
Jackson .....	235	81	227	86
Marion .....	70	83	74	77
Mifflin .....	55	165	59	163
Newton .....	100	110	100	102
Pebble .....	137	147	141	143
Pee Pee .....	148	309	152	281
Perry .....	75	64	78	57
Scioto .....	83	65	83	56
Seal .....	129	122	129	116
Sunfish .....	25	109	22	102
Union .....	39	80	38	74
Totals .....	1275	1652	1284	1568

## PORTAGE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Atwater .....	173	70	194	69
Aurora .....	97	68	107	55
Brimfield .....	70	156	69	143
Charlestown .....	120	46	126	47
Deerfield .....	166	66	172	54
Edinburg .....	118	70	131	58
Franklin .....	423	298	464	310
Freedom .....	144	62	155	59
Garrettsville .....	148	57	140	50
Hiram .....	137	127	144	126
Mantua .....	143	124	146	90
Nelson .....	117	111	123	101
Palmyra .....	100	104	99	119
Paris .....	106	52	112	52
Randolph .....	190	79	195	171
Ravenna .....	478	411	519	377
Rootstown .....	143	134	149	129
Shalersville .....	98	107	98	81
Streetsboro .....	88	108	88	81
Suffield .....	88	193	94	199
Windham .....	150	67	153	67
Totals .....	3302	2610	3478	2438

## PREBLE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Dixon .....	156	88	151	89
Gaspar .....	113	92	109	89
Gratis .....	273	173	271	165
Harrison .....	230	249	254	241
Israel .....	275	78	275	65
Jackson .....	186	110	198	113
Jefferson .....	232	184	232	181
Lanier .....	138	212	146	210
Monroe .....	146	154	165	148
Somers .....	302	157	315	128
Twin .....	138	289	138	282
Washington .....	146	154	461	390
Totals.....	2625	2198	2715	2101

## PUTNAM COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Blanchard .....	87	216	104	179
Greensburg .....	48	106	60	112
Jackson .....	40	93	36	100
Jennings .....	53	144	56	126
Liberty .....	69	150	78	169
Monroe .....	31	35	36	28
Monterey .....	15	140	20	157
Ottawa—East Precinct.....	120	236	125	224
“ West “ .....	6	210	9	215
Palmer .....	13	71	13	64
Perry .....	63	49	78	38
Pleasant.....	229	219	241	214
Riley .....	87	103	89	106
Sugar Creek.....	122	92	135	72
Union .....	86	149	95	132
Van Buren .....	67	221	100	195
Totals.....	1136	2234	1275	2131

## RICHLAND COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Blooming Grove .....	121	147	128	152
Butler .....	108	75	115	65
Cass .....	153	158	150	149
Franklin .....	45	132	62	133
Jackson .....	53	137	61	39
Jefferson .....	257	249	258	234
Madison .....	154	203	167	193
Mifflin .....	41	123	49	132
Monroe .....	152	211	146	236
Perry .....	52	68	57	75
Plymouth—North Precinct .....	127	94	128	98
“ South “ .....	54	62	57	70
Sandusky .....	34	92	38	75
Sharon .....	326	296	342	290
Springfield .....	186	144	194	153
Troy .....	149	147	160	148
Washington .....	141	185	154	175
Weller .....	122	107	142	100
Worthington .....	86	256	112	280
Mansfield—1st Ward .....	207	97	221	89
“ 2d “ .....	262	275	295	270
“ 3d “ .....	153	252	169	259
“ 4th “ .....	155	257	164	257
Totals .....	3138	3767	3369	3672

## ROSS COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Buckskin .....	267	175	272	181
Colerain .....	169	190	170	197
Concord .....	341	244	351	255
Deerfield .....	140	108	153	109
Franklin .....	103	88	102	87
Greene .....	180	195	204	176
Harrison .....	76	105	77	117
Huntington .....	149	247	156	244
Jefferson .....	81	105	83	95
Liberty .....	106	179	115	185
Paint .....	106	80	119	81
Paxton .....	161	179	176	173
Scioto—East Precinct .....	86	95	93	97
“ West “ .....	73	80	78	75
Springfield—East Precinct .....	56	102	57	103
“ West “ .....	29	72	29	75
Twin .....	272	185	278	175
Union—North Precinct .....	56	57	56	55
“ South “ .....	221	182	239	174
Chillicothe—1st Ward .....	235	378	238	357
“ 2d “ .....	234	164	239	165
“ 3d “ .....	163	328	165	306
“ 4th “ .....	211	238	200	229
Totals .....	3515	3776	3650	3711

## SANDUSKY COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Ballville .....	201	201	205	175
Green Creek .....	460	332	480	293
Jackson .....	144	128	133	106
Madison .....	101	140	98	128
Rice .....	43	120	42	101
Riley .....	98	217	91	199
Sandusky .....	113	193	112	196
Scott .....	129	162	132	148
Townsend .....	136	155	135	129
Washington .....	165	330	160	322
Woodville .....	78	229	87	226
York .....	289	182	272	165
Fremont—1st Ward .....	224	110	223	93
“ 2d “ .....	157	290	147	275
“ 3d “ .....	63	189	63	173
Totals .....	2401	2976	2380	2729

## SCIOTO COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bloom .....	241	101	276	68
Brush Creek .....	88	161	89	162
Clay .....	104	87	110	88
Green .....	159	114	165	120
Harrison .....	123	63	137	73
Jefferson .....	44	67	42	70
Madison .....	156	117	164	105
Morgan .....	117	12	115	5
Nile .....	157	133	124	115
Porter .....	203	108	204	114
Rush .....	61	60	55	68
Union .....	23	62	23	49
Valley .....	79	67	80	65
Vernon .....	99	157	100	125
Washington .....	151	83	140	63
Portsmouth—1st Ward .....	132	229	144	208
“ 2d “ .....	229	167	222	164
“ 3d “ .....	164	135	174	119
“ 4th “ .....	305	193	319	176
“ 5th “ .....	192	135	205	134
Totals .....	2807	2261	2888	2091



## SENECA COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams .....	176	172	177	160
Big Spring .....	81	281	73	250
Bloom .....	188	177	187	176
Clinton .....	170	218	168	214
Eden .....	194	168	197	165
Hopewell .....	108	193	106	174
Jackson .....	165	86	156	74
Liberty .....	194	157	181	117
London .....	89	220	92	197
Fostoria Precinct .....	336	122	338	107
Pleasant .....	148	138	154	114
Reed .....	163	149	174	146
Scipio .....	237	170	233	160
Seneca .....	124	220	123	202
Thompson .....	92	301	93	251
Venice .....	153	226	147	225
Tiffin—1st Ward .....	139	149	134	136
“ 2d “ .....	89	100	82	109
“ 3d “ .....	124	204	126	189
“ 4th “ .....	111	131	113	121
“ 5th “ .....	85	175	84	175
Totals .....	3166	3757	3128	3462

## SHELBY COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Clinton .....	350	386	375	373
Cynthian .....	61	191	75	208
Dinsmore .....	94	219	101	252
Franklin .....	82	104	86	111
Greene .....	96	153	105	149
Jackson .....	95	168	103	186
Laramie .....	77	159	87	189
McLean .....	13	246	17	253
Orange .....	104	65	110	73
Perry .....	109	123	115	111
Salem .....	162	124	176	128
Turtle Creek .....	142	88	153	75
Van Buren .....	87	116	95	104
Washington .....	96	81	119	99
Totals .....	1568	2223	1717	2311

## STARK COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bethlehem .....	140	276	164	275
Canton .....	161	213	177	201
Jackson .....	107	223	116	219
Lake .....	132	297	140	310
Lawrence .....	412	382	410	342
Lexington—Alliance Precinct .....	751	303	807	311
Lima       " .....	105	41	114	37
Marlboro .....	229	179	219	181
Nimishillen .....	209	294	233	287
Osnaburg—Osnaburg Precinct .....	123	144	127	154
Mapleton   " .....	122	38	126	46
Paris—Minerva Precinct .....	144	108	148	108
Paris       " .....	86	195	94	192
Perry .....	134	253	153	248
Pike .....	227	43	232	37
Plain .....	158	307	157	307
Sandy .....	178	72	183	70
Sugarcreek .....	225	169	230	174
Tuscarawas .....	253	252	255	245
Washington .....	220	157	224	146
Canton—1st Ward .....	301	265	308	254
2d       " .....	266	199	277	190
3d       " .....	118	177	122	174
4th       " .....	167	285	183	284
Massillon—1st Ward .....	185	97	180	89
2d       " .....	141	97	137	88
3d       " .....	230	174	236	157
4th       " .....	54	118	65	124
Totals .....	5578	5363	5817	5250

## SUMMIT COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bath .....	174	29	192	40
Boston .....	114	113	139	122
Copley .....	143	82	175	186
Coventry .....	110	127	149	133
Cuyahoga Falls .....	236	111	285	101
Franklin .....	172	216	174	222
Greene .....	134	176	156	191
Hudson .....	240	112	255	95
Northfield .....	144	92	162	84
Northampton .....	85	93	113	93

SUMMIT COUNTY—Continued.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Norton .....	129	178	155	168
Portage .....	129	116	165	127
Richfield .....	210	30	233	30
Springfield .....	170	203	193	214
Stowe .....	117	75	130	79
Tallmadge .....	203	60	233	64
Twinsburg .....	102	63	107	44
Akron—1st Ward .....	350	174	381	175
2d   " .....	262	156	316	141
3d   " .....	237	163	244	167
4th   " .....	204	128	234	117
5th   " .....	162	115	180	90
6th   " .....	155	55	163	55
Totals .....	3982	2672	4534	2738

TRUMBULL COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bazetta .....	171	102	179	92
Bloomfield .....	122	28	135	32
Braceville .....	149	69	164	69
Bristol .....	195	47	203	49
Brookfield .....	275	138	289	122
Champion .....	93	102	118	85
Farmington .....	205	26	220	30
Fowler .....	126	48	142	60
Greene .....	167	40	158	51
Gustavus .....	170	37	198	38
Hartford .....	164	62	175	62
"   Orangeville Precinet .....	46	17	47	18
Howland .....	113	46	122	43
Hubbard .....	371	206	407	207
Johnston .....	118	61	124	50
Kinsman .....	175	29	192	25
Liberty .....	242	129	306	117
Lordstown .....	66	107	65	104
Mecca .....	169	61	171	161
Mesopotamia .....	156	12	172	15
Newton .....	163	150	174	147
Southington .....	108	53	124	59
Vernon .....	146	40	159	51
Vienna .....	201	75	242	80
Warren .....	125	114	138	100
Wethersfield .....	46	178	577	152
"   Mineral Ridge Precinet .....	192	47	222	49
Warren—1st Ward .....	246	59	261	58
"   2d   " .....	234	171	272	162
"   3d   " .....	111	41	113	33
Total .....	5265	2295	5869	2321

## TUSCARAWAS COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Anburn .....	56	145	59	159
Bucks .....	15	162	13	181
Clay .....	115	114	126	112
Dover .....	289	427	309	410
Fairfield .....	69	57	74	53
Franklin .....	73	132	86	133
Goshen .....	478	388	509	379
Jefferson .....	34	174	43	188
Lawrence .....	153	129	156	134
Mill .....	524	303	582	319
Oxford .....	155	172	175	186
Perry .....	84	120	91	114
Rush .....	105	72	108	70
Salem .....	126	194	128	211
Sandy .....	113	114	134	109
Sugar Creek .....	47	202	47	202
Union .....	102	19	118	27
Washington .....	68	103	82	73
Warren .....	81	82	158	124
Warwick .....	144	114	69	116
Wayne .....	35	143	47	173
York .....	48	114	64	113
Totals .....	2914	3480	3178	3586

## UNION COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Allen .....	186	54	191	55
Claybourne .....	328	189	339	169
Darby .....	121	129	123	128
Dover .....	72	109	72	93
Jackson .....	107	113	117	101
Jerome .....	183	108	178	100
Leesburg .....	154	151	152	137
Liberty .....	171	104	174	98
Mill Creek .....	40	118	34	113
Paris .....	338	332	329	316
Taylor .....	141	105	151	92
Union .....	206	93	212	73
Washington .....	142	39	143	32
York .....	234	66	235	57
Totals .....	2423	1710	2450	1564

## VAN WERT COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Harrison.....	78	167	84	155
Hoaglin.....	75	69	72	68
Jackson.....	30	25	36	35
Jennings.....	104	52	107	63
Liberty.....	114	136	106	117
Pleasant.....	616	364	613	352
Ridge.....	195	136	197	116
Tully.....	51	205	51	193
Union.....	49	113	48	89
Washington.....	157	312	171	331
Willshire.....	146	140	140	121
York.....	174	52	130	46
Totals.....	1789	1771	1805	1686

## VINTON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Brown.....	78	105	81	88
Clinton.....	116	151	124	124
Eagle.....	259	80	59	73
Elk.....	205	187	204	158
Harrison.....	56	71	66	68
Jackson.....	118	102	124	89
Knox.....	53	53	60	48
Madison.....	158	203	163	207
Richland.....	114	235	114	222
Swan.....	155	60	148	46
Vinton.....	14	102	16	83
Wilkesville.....	159	152	155	134
Totals.....	1235	1501	1314	1340

## WARREN COCNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Clear Creek—Ridgville Precinct.....	120	126	126	121
“ Springboro “ .....	256	117	259	127
Deerfield .....	167	201	183	217
Franklin .....	433	225	459	243
Hamilton .....	326	174	322	194
Harlan .....	217	253	229	253
Massie .....	300	37	309	41
Salem .....	255	215	240	236
Turtlecreek .....	833	353	862	371
Union .....	131	84	137	79
Washington .....	204	71	203	87
Wayne .....	418	204	434	199
Totals.....	3660	2060	3763	2168

## WASHINGTON COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Adams .....	125	159	147	179
Aurelius .....	121	35	134	45
Barlow .....	175	68	175	70
Belpre .....	101	71	111	68
Belpre Village .....	151	73	145	70
Decatur .....	144	100	150	102
Dunham .....	54	92	56	104
Fairfield .....	43	88	45	94
Fearing .....	91	52	91	157
Grandview .....	96	208	133	267
Harmer Precinct .....	263	109	296	85
Independence .....	43	142	49	214
Lawrence—Lower Precinct .....	107	67	143	140
“ Upper “ .....	112	117	105	60
Liberty .....	156	110	171	112
Little Muskingum Precinct .....	167	109	181	107
Ludlow .....	46	150	34	169
Muskingum .....	103	103	100	114
Newport .....	182	203	194	204
Palmer .....	83	38	85	38
Salem .....	144	152	159	161
Union .....	40	130	46	137
Warren .....	126	172	130	192
Waterford .....	259	121	264	144
Watertown .....	120	140	128	128
Wesley .....	235	43	333	53
Marietta—1st Ward .....	195	187	193	165
“ 2d “ .....	256	147	253	130
“ 3d “ .....	172	169	180	171
Totals.....	3909	3455	4231	3680



## WAYNE COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Baughman .....	259	178	263	174
Canaan.....	259	167	262	168
Chester .....	229	199	237	179
Chippewa .....	220	277	233	284
Clinton .....	171	177	172	169
Congress—				
1st Precinct .....	146	152	162	144
2d     “ .....	127	105	120	93
East Union.....	151	220	181	225
Franklin .....	129	161	122	152
Greene .....	302	247	318	234
Milton .....	105	172	107	161
Paint .....	62	192	63	200
Plain.....	221	166	247	149
Salt Creek.....	151	139	177	142
Sugar Creek.....	174	212	183	206
Wayne .....	173	196	174	182
Wooster .....	116	117	124	104
Wooster—1st Ward.....	155	246	179	202
“     2d     “ .....	192	181	239	146
“     3d     “ .....	111	148	118	129
“     4th    “ .....	78	97	87	90
Totals.....	3531	3749	3768	3533

## WILLIAMS COUNTY.

Names of Townships and Wards.	Secretary of State		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Brady .....	238	97	241	74
Bridgewater.....	124	117	138	73
Centre .....	147	142	146	96
Florence .....	159	202	156	174
Jefferson .....	148	179	134	147
Madison .....	184	157	178	132
Mill Creek .....	97	68	104	45
Northwest.....	164	74	153	70
Pulaski .....	423	362	427	261
Springfield .....	192	123	183	89
St. Joseph.....	164	199	165	154
Superior .....	187	140	188	104
Totals.....	2227	1860	2213	1419

## WOOD COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Bloom .....	131	100	150	86
Center .....	185	85	220	89
Freedom .....	94	129	106	129
Henry .....	54	74	51	56
Jackson .....	56	39	56	29
Lake .....	118	86	123	77
Liberty .....	110	55	125	50
Middletown .....	124	125	139	116
Milton .....	172	151	180	162
Montgomery .....	188	134	200	135
Perry .....	175	52	192	62
Perrysburg .....	364	395	394	366
Plain .....	209	103	230	104
Portage .....	115	68	116	62
Troy .....	51	157	60	158
Washington .....	187	70	184	75
Webster .....	159	30	162	32
Weston .....	255	109	306	108
Totals .....	2777	1962	2994	1896

## WYANDOT COUNTY.

Names of Townships and Wards.	Secretary of State.		President.	
	A. T. Wikoff.	Aquila Wiley.	U. S. Grant.	Horace Greeley.
Antrim .....	77	68	77	73
Crane .....	373	511	369	512
Crawford .....	199	163	199	126
Eden .....	82	110	91	125
Jackson .....	45	90	49	97
Kirby Precinct .....	47	166	56	168
Marseilles .....	100	54	103	51
Mifflin .....	93	109	86	117
Nevada Precinct .....	156	125	167	133
Pitt .....	103	116	97	123
Richland .....	113	153	114	139
Ridge .....	42	54	47	55
Salem .....	64	151	72	144
Sycamore .....	132	54	136	67
Tymochtee .....	141	196	153	165
Totals .....	1767	2120	1816	2095

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# LAKE ERIE



SHOWING  
CONGRESSIONAL DISTRICTS

OF OHIO  
UNDER THE APPORTIONMENT OF  
1872.

*Abstract of Votes cast for Representatives to the Forty-Third Congress of the United States, from the State of Ohio, in 1872.*

## FIRST DISTRICT.

County.	Benj. Eggleston.	Milton Saylor.
Hamilton .....	8905	12,474
Majority .....		3,569

## SECOND DISTRICT.

County.	R. B. Hayes.	H. B. Banning.
Hamilton .....	9532	11,034
Majority .....		1,502

## THIRD DISTRICT.

Counties.	John Q. Smith.	John W. Sohn.	John McElwe.
Butler .....	2577	4748	27
Clermont .....	3367	3655	.....
Clinton .....	3029	1752	.....
Fayette .....	2005	1516	.....
Warren .....	3651	2029	.....
Totals.....	14,929	13,700	27
Majority .....	1,229		

## FOURTH DISTRICT.

Counties.	L. B. Gunckel.	J. J. Winans.	Daniel Summers.
Darke .....	2875	3388	.....
Greene .....	3844	1842	47
Montgomery .....	7276	7240	36
Preble .....	2609	2207	20
Totals.....	16,604	14,677	103
Majority .....	1,927		

## FIFTH DISTRICT.

Counties.	Samuel Lybrand.	Charles N. Lamison.
Allen .....	1966	2422
Anglaize .....	983	2485
Defiance .....	938	1706
Mercer .....	891	1892
Paulding .....	948	815
Putnam .....	1141	2228
Shelby .....	1572	2215
Van Wert .....	1785	1767
Totals .....	10,224	15,530
Majority .....		5,306

## SIXTH DISTRICT.

Counties.	Isaac R. Sherwood.	F. H. Hurd.	Henry Moores.
Fulton .....	2057	1063	8
Henry .....	1055	1598	.....
Lucas .....	4446	4245	25
Ottawa .....	964	1648	4
Williams .....	2208	1867	14
Wood .....	2741	1985	8
Totals .....	13,471	12,406	59
Majority .....	1,065		

## SEVENTH DISTRICT.

Counties.	John T. Wilson.	L. T. Neal.	I. T. Neal.
Adams .....	1726	1907	9
Brown .....	2344	3102	.....
Highland .....	3195	3008	.....
Pike .....	1311	1611	.....
Ross .....	3530	3751	.....
Totals .....	12,106	13,379	9
Majority .....		1,273	

## EIGHTH DISTRICT.

Counties	William Lawrence.	J. J. Musson.	Clarence Pickering.
Champaign .....	2831	1970	.....
Clarke .....	3931	2539	32
Logan .....	2686	1991	.....
Madison .....	1815	1592	.....
Miami .....	3485	2613	38
Totals .....	14,748	10,705	70
Majority .....	4,043		



NINTH DISTRICT.

Counties.	Jas. W. Robinson.	Geo. W. Morgan.	C. W. Townsend.
Delaware .....	2576	2207	142
Hardin .....	2222	2143	-----
Knox .....	2683	3251	45
Marion .....	1489	1990	21
Morrow .....	2161	1862	19
Union .....	2442	1693	2
Totals.....	13,573	13,146	229
Majority .....	427		

TENTH DISTRICT.

Counties.	Charles Foster.	Rush R. Sloane.	G. T. Stewart.
Erie .....	2877	2701	15
Hancock .....	2384	2641	-----
Huron .....	3939	2433	62
Sandusky .....	2468	2910	16
Seneca .....	3329	3586	28
Totals.....	14,997	14,271	121
Majority .....	726		

ELEVENTH DISTRICT.

Counties.	H. S. Bundy.	Saml. A. Nash.
Gallia .....	2568	1601
Hocking .....	1201	1902
Jackson .....	2334	1685
Lawrence .....	2972	1495
Scioto .....	2861	2229
Vinton .....	1331	1448
Totals.....	13,267	10,360
Majority .....	2,907	

TWELFTH DISTRICT.

Counties.	Jas. Taylor.	Hugh J. Jewett.	W. B. Chadwick.	O. Lutz.
Fairfield .....	2263	3670	-----	-----
Franklin .....	4810	7156	90	-----
Perry .....	1670	2057	-----	1
Pickaway .....	2193	2730	43	-----
Totals.....	10,936	15,613	133	1
Majority .....		4,677		

## THIRTEENTH DISTRICT.

Counties.	Lucius P. Marsh.	M. I. Southard.
Coshocton .....	2107	2561
Licking .....	3259	4581
Muskingum .....	4354	4493
Tuscarawas .....	2918	3474
Totals .....	12,638	15,109
Majority .....		2,471

## FOURTEENTH DISTRICT.

Counties.	Thos. E. Douglass.	Jno. Berry.	Geo. Heiby.
Ashland .....	2034	2401	9
Crawford .....	1859	3201	34
Holmes .....	932	2453	.....
Richland .....	3333	3537	13
Wyandot .....	1767	2076	4
Totals .....	9925	13,668	60
Majority .....		3,743	

## FIFTEENTH DISTRICT.

Counties.	Wm. P. Sprague.	Richard R. Hudson.	Enoch Martin.
Athens .....	2644	1700	4
Meigs .....	3285	2062	.....
Monroe .....	1121	2881	26
*Morgan .....	2036	1840	.....
Washington .....	3901	3513	5
Totals .....	12,987	11,996	35
Majority .....	991		

\* Scattering, 9.

## SIXTEENTH DISTRICT.

Counties.	Lorenzo Danford.	C. L. Poorman.	Wm. Little.	J. A. Bingham.
Belmont .....	4297	3487	.....	.....
Guernsey .....	2587	1948	1	.....
Harrison .....	2175	1619	.....	.....
Jefferson .....	3305	2192	.....	76
Noble .....	1986	1806	.....	.....
Totals .....	14,350	11,052	1	76
Majority .....	3,298			

SEVENTEENTH DISTRICT.

Counties.	L. D. Woodworth.	Richard Brown.	L. B. Silver.
Carroll .....	1716	1311	.....
Columbiana .....	4605	3242	.....
Mahoning .....	3495	3137	.....
Stark .....	5552	5416	3
Totals .....	15,368	13,106	3
Majority .....	2,262		

EIGHTEENTH DISTRICT.

Counties.	Jas. Monroe.	N. S. Townshend.	G. W. McNeil.
Lorain .....	4347	2142	1
Medina .....	2685	1826	.....
Summit .....	4010	2650	64
Wayne .....	3620	3680	2
Totals .....	14,662	10,298	67
Majority .....	4,364		

NINETEENTH DISTRICT.

Counties.	J. A. Garfield.	M. Sutliff.	Robert Stranahan.
Ashtabula .....	5430	1717	53
Geauga .....	2609	639	4
Lake .....	2619	1021	10
Portage .....	3306	2592	9
Trumbull .....	5225	2285	126
Totals .....	19,189	8254	192
Majority .....	10,935		

TWENTIETH DISTRICT.

Counties.	Richard C. Parsons.	Selah Chamberlain.	Julius A. Spencer.
Cuyahoga .....	13,101	10,377	157
Majority .....	2,724		

*Table showing the vote by counties at State and Presidential elections in the State of Ohio, for each year from 1865 to 1872 inclusive.*

COUNTIES.	1865.		1866.		1867.	
	Governor.		Secretary of State.		Governor.	
	Jacob D. Cox.	Geo. W. Morgan.	Wm. Henry Smith.	Ben. LeFever.	R. B. Hayes.	A. G. Thurman.
Adams .....	1,982	1,770	2,064	2,012	1,982	2,300
Allen .....	1,623	2,152	1,853	2,257	1,737	2,624
Ashland .....	2,030	2,219	2,175	2,208	2,161	2,464
Ashtabula .....	4,069	961	5,004	936	5,061	1,377
Athens .....	2,541	1,160	2,647	1,210	2,598	1,701
Auglaize .....	917	2,049	1,039	2,236	925	2,713
Belmont .....	3,363	3,289	3,535	3,560	3,412	3,971
Brown .....	2,610	2,879	2,822	3,102	2,407	3,266
Butler .....	2,981	4,245	3,021	4,726	2,800	4,886
Carroll .....	1,632	1,177	1,751	1,177	1,634	1,289
Champaign .....	2,440	1,625	2,760	1,836	2,623	2,159
Clarke .....	2,946	1,719	3,569	1,960	3,290	2,113
Clermont .....	3,336	3,307	3,466	3,613	3,246	3,737
Clinton .....	2,328	1,253	2,844	1,499	2,634	1,628
Columbiana .....	3,705	2,271	4,298	2,387	4,237	2,919
Coshocton .....	1,979	2,374	2,098	2,472	2,102	2,619
Crawford .....	1,759	2,911	1,997	3,179	1,864	3,497
Cuyahoga .....	7,472	5,809	8,631	5,697	9,673	7,436
Darke .....	2,637	2,665	2,881	2,915	2,661	3,246
Defiance .....	849	1,509	1,072	1,666	1,009	1,855
Delaware .....	2,491	1,669	2,827	1,951	2,727	2,311
Erie .....	2,143	1,651	2,938	1,797	2,480	1,989
Fairfield .....	2,351	3,394	2,139	3,445	2,056	3,940
Fayette .....	1,547	1,087	1,817	1,318	1,733	1,543
Franklin .....	4,296	6,236	4,652	6,490	4,600	7,255
Fulton .....	1,511	879	2,066	1,057	1,902	1,146
Gallia .....	2,095	1,051	2,477	1,370	2,201	1,902
Geauga .....	2,201	526	2,512	403	2,654	630
Greene .....	3,873	1,523	3,963	1,588	3,615	1,857
Guernsey .....	2,503	1,853	2,711	1,913	2,549	2,052
Hamilton .....	17,943	13,605	22,118	18,341	19,961	18,437
Hancock .....	2,120	2,228	2,272	2,380	2,172	2,509
Hardin .....	1,644	1,302	1,749	1,415	1,770	1,770
Harrison .....	1,969	1,467	2,122	1,521	2,112	1,660
Henry .....	811	1,268	1,006	1,402	955	1,544
Highland .....	2,695	2,063	3,050	2,655	2,881	2,885
Hocking .....	1,265	1,691	1,115	1,819	1,179	2,129
Holmes .....	948	2,558	942	2,755	957	2,988
Huron .....	3,202	1,944	4,010	2,052	3,683	2,273
Jackson .....	1,558	1,102	1,929	1,669	1,857	1,821
Jefferson .....	2,843	1,589	3,210	1,763	2,969	2,202
Knox .....	2,629	2,438	2,924	2,471	2,814	2,811
Lake .....	2,103	628	2,402	557	2,392	830
Lawrence .....	1,847	1,261	2,346	1,394	2,009	2,259
Licking .....	3,152	3,804	3,392	4,040	3,133	4,441
Logan .....	2,302	1,487	2,535	1,649	2,516	1,837
Lorain .....	3,474	1,674	4,373	1,708	4,095	1,807

*Abstract of Votes—Continued.*

COUNTIES.	1865.		1866.		1867.	
	Governor.		Secretary of State.		Governor.	
	Jacob D. Cox.	Geo W. Morgan.	Wm. Henry Smith.	Ben. LeFever.	R. B. Hayes.	A. G. Thurman.
Lucas .....	2,942	1,713	4,193	2,624	3,844	2,655
Madison .....	1,391	1,157	1,614	1,440	1,515	1,533
Mahoning .....	2,504	2,184	2,935	2,276	2,896	2,602
Marion .....	1,460	1,657	1,523	1,679	1,377	1,953
Medina .....	2,521	1,636	2,772	1,639	2,626	1,686
Meigs .....	2,450	1,493	2,931	1,669	2,773	2,185
Mercer .....	730	1,798	763	2,011	698	2,323
Miami .....	3,175	2,289	3,716	2,537	3,352	2,810
Monroe .....	1,177	2,783	1,069	2,863	1,111	3,477
Montgomery .....	5,083	5,034	5,628	5,608	5,602	6,282
Morgan .....	2,220	1,628	2,446	1,825	2,403	1,953
Morrow .....	2,105	1,560	2,249	1,603	2,240	1,801
Mnskingum .....	3,972	3,903	4,562	4,207	4,315	4,671
Noble .....	1,949	1,588	2,153	1,699	2,009	1,873
Ottawa .....	697	920	892	1,048	808	1,260
Paulding .....	502	352	753	490	761	666
Perry .....	1,713	1,774	1,720	1,912	1,599	2,090
Pickaway .....	2,111	2,423	2,061	2,539	1,882	2,870
Pike .....	905	1,333	1,037	1,519	973	1,770
Portage .....	2,853	1,932	3,365	1,972	3,342	2,317
Preble .....	2,333	1,524	2,717	1,761	2,422	1,867
Putnam .....	875	1,493	1,164	1,954	972	2,020
Richland .....	2,874	3,278	2,957	3,314	3,068	3,691
Ross .....	3,028	3,125	3,272	3,362	2,889	3,837
Sandusky .....	2,161	2,355	2,407	2,556	2,267	2,834
Scioto .....	2,205	1,936	2,619	2,131	2,327	2,535
Seneca .....	2,807	3,030	2,979	3,343	2,739	3,584
Shelby .....	1,412	1,886	1,483	2,071	1,350	2,393
Stark .....	4,447	4,026	4,809	4,052	4,669	4,821
Summit .....	3,220	1,879	3,717	1,676	3,942	2,274
Trumbull .....	3,989	1,851	4,623	1,785	4,525	2,189
Tuscarawas .....	2,715	3,048	2,997	3,205	2,746	3,483
Union .....	1,930	1,173	2,206	1,270	2,128	1,537
Van Wert .....	1,247	1,153	1,482	1,296	1,408	1,408
Vinton .....	1,137	1,168	1,376	1,363	1,302	1,634
Warren .....	3,229	1,489	3,943	1,742	3,638	1,905
Washington .....	3,439	3,042	3,796	3,169	3,722	3,718
Wayne .....	3,053	3,257	3,343	3,402	3,313	3,704
Williams .....	1,662	1,388	2,282	1,630	2,199	1,801
Wood .....	2,036	1,408	2,783	1,838	2,420	1,800
Wyandot .....	1,673	1,869	1,731	1,925	1,609	2,183
Totals .....	223,633	193,797	256,302	213,606	243,605	240,622

COUNTIES.	1868.		1869.	
	Secretary of State.		President.	
	Isaac R. Sherwood.	Thomas Hubbard.	U. S. Grant.	Horatio Seymour.
Adams .....	1,997	2,204	2,044	2,247
Allen .....	1,722	2,550	1,892	2,597
Ashland .....	2,115	2,497	2,205	2,504
Ashtabula .....	5,766	1,510	6,108	1,400
Atheus .....	2,725	1,687	2,908	1,592
Auglaize .....	1,022	2,698	1,266	2,754
Belmont .....	3,757	4,042	3,893	3,862
Brown .....	2,552	3,305	2,715	3,238
Butler .....	3,208	5,395	3,298	4,945
Carroll .....	1,727	1,332	1,807	1,289
Champaign .....	2,814	2,308	2,954	2,138
Clarke .....	3,795	2,467	3,928	2,198
Clermont .....	3,313	3,759	3,475	3,594
Clinton .....	2,820	1,634	2,922	1,579
Columbiana .....	4,667	2,988	4,881	2,938
Coshocton .....	2,163	2,613	2,176	2,622
Crawford .....	1,857	3,596	2,019	3,607
Cuyahoga .....	11,282	8,513	12,582	7,993
Darke .....	2,890	3,375	2,989	3,145
Defiance .....	1,029	1,909	1,108	1,899
Delaware .....	2,901	2,202	2,976	2,169
Erie .....	2,941	2,141	3,130	1,884
Fairfield .....	2,293	3,943	2,439	4,076
Fayette .....	1,895	1,465	1,970	1,376
Franklin .....	4,742	7,806	5,079	7,119
Fulton .....	2,101	1,229	2,171	1,150
Gallia .....	2,437	1,799	2,678	1,620
Geauga .....	2,805	679	2,892	640
Greene .....	3,907	1,950	4,233	1,829
Guernsey .....	2,698	2,114	2,743	1,949
Hamilton .....	22,852	21,018	24,167	18,768
Hancock .....	2,136	2,535	2,279	2,528
Hardin .....	1,770	1,807	1,884	1,766
Harrison .....	2,251	1,729	2,267	1,620
Henry .....	1,045	1,588	1,156	1,584
Highland .....	2,947	2,924	3,038	2,850
Hocking .....	1,206	2,086	1,369	2,111
Holmes .....	1,004	2,908	1,083	2,859
Huron .....	3,906	2,339	4,019	2,243
Jackson .....	2,017	1,790	2,083	1,612
Jefferson .....	3,305	2,207	3,394	2,117
Knox .....	2,901	2,832	2,908	2,766
Lake .....	2,802	921	2,909	889
Lawrence .....	2,901	1,743	3,159	1,647
Licking .....	3,379	4,506	3,487	4,432
Logan .....	2,639	1,875	2,778	1,770
Lorain .....	4,300	1,987	4,443	1,930
Lucas .....	4,597	3,640	4,873	3,087
Madison .....	1,623	1,604	1,632	1,550
Mahoning .....	3,207	2,775	3,387	2,757
Marion .....	1,457	1,941	1,548	1,936
Medina .....	2,797	1,792	2,886	1,693



of Votes—Continued.

1869.			1870.			1871.		
Governor.			Secretary of State.			Governor.		
Rutherford B. Hayes.	George H. Pendleton.	Sam'l Scott.	Isaac R. Sherwood.	William Heisley.	Jay Odell.	Edward F. Noyes.	George W. McCook.	Gideon T. Stewart.
1,662	2,223	-----	1,670	2,007	-----	1,895	2,202	-----
1,687	2,359	-----	1,378	1,934	-----	1,708	2,180	-----
2,006	2,395	14	1,897	2,185	55	1,883	2,177	40
4,945	1,243	-----	3,216	926	176	4,221	1,164	191
2,578	1,644	-----	2,374	1,417	21	2,505	1,540	66
914	2,430	-----	866	1,971	-----	804	2,070	-----
3,248	3,764	6	3,397	3,621	100	3,899	3,681	38
2,015	3,194	-----	2,077	2,972	100	2,053	2,771	34
2,769	4,879	2	2,956	4,877	10	2,618	4,232	52
1,622	1,210	-----	1,509	1,088	-----	1,588	1,218	-----
2,524	2,001	-----	2,468	2,004	5	2,646	1,859	21
3,459	2,159	33	3,698	2,282	37	3,173	2,020	65
2,950	3,784	-----	3,066	3,303	-----	3,324	3,468	4
2,556	1,474	-----	2,695	1,504	-----	2,546	1,387	39
3,985	2,700	78	3,363	2,261	20	3,800	2,466	73
1,989	2,437	6	1,899	2,528	6	1,962	2,505	36
1,631	3,183	21	1,603	2,459	-----	1,690	2,968	26
9,402	6,727	53	6,700	4,047	310	11,287	5,320	387
2,528	3,327	2	2,512	3,195	26	2,500	3,169	28
962	1,665	-----	793	1,318	15	835	1,547	63
2,685	2,043	-----	2,541	1,907	144	2,610	2,072	217
2,341	1,848	-----	2,548	1,447	63	2,231	1,555	38
2,144	3,831	-----	1,782	3,391	-----	2,185	3,622	25
1,770	1,288	-----	1,771	1,268	-----	1,860	1,378	3
4,289	6,552	-----	4,693	6,116	108	4,649	6,163	227
1,966	1,146	-----	1,474	857	19	1,645	991	46
2,172	1,560	-----	2,227	1,291	23	2,472	1,498	66
2,489	573	1	1,706	375	5	2,213	492	7
3,191	1,717	7	3,744	1,770	3	3,000	1,482	27
2,380	1,836	-----	2,506	1,901	4	2,417	1,831	25
17,939	19,248	7	17,661	14,864	-----	17,843	16,297	14
1,946	2,438	-----	1,960	2,095	-----	2,218	2,401	-----
1,773	1,882	15	1,525	1,476	26	2,057	2,028	21
2,043	1,635	2	2,101	1,614	-----	2,212	1,637	15
913	1,394	6	758	1,290	12	779	1,243	4
2,805	2,903	-----	2,957	2,680	-----	2,992	2,868	14
1,180	1,873	-----	895	1,524	35	1,046	1,715	40
861	2,356	-----	921	2,311	4	977	2,395	1
3,393	2,112	9	3,292	1,955	127	3,289	2,070	140
2,022	1,768	-----	1,799	1,586	2	1,928	1,768	6
2,921	2,115	-----	2,764	1,850	-----	3,075	2,111	-----
2,761	2,798	-----	2,684	2,858	23	2,767	2,820	13
2,381	861	-----	1,958	653	10	2,320	668	53
2,281	1,637	-----	2,289	1,618	25	2,421	1,504	90
3,107	4,406	-----	3,167	4,310	-----	3,115	4,298	12
2,414	1,753	-----	2,321	1,668	21	2,289	1,654	12
3,771	1,830	13	3,977	1,774	62	3,826	1,561	24
4,106	2,703	-----	3,001	1,889	63	4,169	3,033	100
1,598	1,579	-----	1,639	1,509	9	1,792	1,635	3
3,003	2,552	10	2,488	2,306	9	3,087	2,602	160
1,393	1,877	1	1,221	1,594	2	1,306	1,879	2
2,499	1,586	-----	2,513	1,599	-----	2,277	1,427	3

*Abstract of*

COUNTIES.	1868.		1868.	
	Secretary of State.		President.	
	Isaac R. Sherwood.	Thomas Hubbard.	U. S. Grant.	Horatio Seymour.
Meigs .....	3,242	2,161	3,548	2,027
Mercer .....	763	2,271	884	2,394
Miami .....	3,843	2,881	3,958	2,659
Monroe .....	1,274	3,288	1,443	3,397
Montgomery .....	6,454	6,644	6,502	6,113
Morgan .....	2,434	1,911	2,521	1,895
Morrow .....	2,406	1,814	2,469	1,770
Muskingum .....	4,552	4,685	4,671	4,534
Noble .....	2,185	1,790	2,204	1,715
Ottawa .....	922	1,492	963	1,304
Paulding .....	759	646	834	623
Perry .....	1,625	2,011	1,725	1,986
Pickaway .....	2,095	2,816	2,176	2,725
Pike .....	1,041	1,743	1,155	1,727
Portage .....	3,483	2,401	3,604	2,362
Preble .....	2,779	1,987	2,734	1,905
Putnam .....	1,109	2,083	1,184	2,003
Richland .....	3,227	3,750	3,300	3,754
Ross .....	3,085	3,735	3,230	3,645
Sandusky .....	2,376	3,059	2,443	2,846
Scioto .....	2,807	2,342	2,904	2,192
Seneca .....	2,900	3,595	2,977	3,540
Shelby .....	1,596	2,478	1,626	2,274
Stark .....	5,380	5,087	5,601	4,948
Summit .....	4,317	2,512	4,634	2,444
Trumbull .....	5,054	2,373	5,338	2,313
Tuscarawas .....	3,013	3,602	3,145	3,432
Union .....	2,245	1,534	2,361	1,454
Van Wert .....	1,505	1,458	1,547	1,431
Vinton .....	1,487	1,621	1,499	1,554
Warren .....	3,898	1,983	3,917	1,875
Washington .....	4,049	3,814	4,258	3,598
Wayne .....	3,457	3,891	3,557	3,816
Williams .....	2,164	1,802	2,280	1,814
Wood .....	2,793	1,984	2,957	1,891
Wyandot .....	1,623	2,151	1,734	2,190
Totals .....	267,065	249,682	280,167	238,621

Votes—Continued.

1869.			1870.			1871.		
Governor.			Secretary of State.			Governor.		
Rutherford B. Hayes.	George H. Pendleton.	Sam'l Scott.	Isaac R. Sherwood.	William Heisley.	Jay Odell.	Edward F. Noyes.	George W. McCook.	Gideon T. Stewart.
2,786	1,871	.....	2,890	1,829	.....	2,961	1,878	70
695	2,104	.....	639	1,668	.....	846	2,026	.....
3,290	2,649	12	3,192	2,738	97	3,260	2,559	70
903	2,792	.....	884	2,571	11	876	2,636	35
6,163	6,420	29	6,005	6,357	43	5,669	6,318	130
2,107	1,699	56	1,901	1,649	179	2,146	1,753	189
2,168	1,737	.....	2,154	1,491	22	1,932	1,523	39
4,087	4,411	.....	4,389	4,414	.....	4,339	4,554	29
1,920	1,569	.....	1,865	1,582	.....	1,906	1,727	1
743	1,168	4	756	1,179	7	924	1,427	27
723	647	.....	665	607	21	794	728	15
1,601	1,915	.....	1,302	1,708	11	1,366	1,818	.....
1,960	2,730	.....	1,895	2,638	1	2,125	2,760	40
1,027	1,550	.....	1,188	1,475	.....	1,212	1,620	.....
3,213	2,241	1	2,576	1,880	11	2,970	2,139	47
2,427	1,854	.....	2,463	1,814	4	2,355	1,769	46
982	1,985	1	781	1,657	10	947	1,869	4
2,964	3,595	40	2,679	3,207	136	2,994	3,429	50
2,651	3,536	.....	3,115	3,456	2	3,475	3,754	10
2,175	2,630	.....	1,999	2,570	58	2,022	2,610	37
2,448	2,206	.....	2,229	2,125	42	2,582	2,300	66
2,581	3,242	.....	2,690	3,176	27	2,608	3,200	46
1,360	2,227	.....	1,412	2,157	40	1,455	2,196	2
5,083	4,803	.....	4,649	4,105	.....	5,214	5,110	63
3,783	2,207	7	2,639	1,797	151	3,133	2,318	163
4,621	2,144	9	3,691	1,703	120	4,345	1,766	120
2,741	3,552	3	2,650	3,202	80	2,698	3,221	6
2,053	1,462	.....	1,996	1,285	4	2,040	1,324	12
1,445	1,474	.....	1,335	1,340	.....	1,649	1,655	.....
1,316	1,571	.....	1,165	1,470	6	1,249	1,481	2
3,351	1,875	.....	3,583	1,835	.....	3,356	1,770	16
3,708	3,419	.....	3,360	2,971	7	3,691	3,529	116
3,202	3,655	16	3,047	3,585	18	3,393	2,419	12
1,933	1,580	23	1,612	1,514	11	1,965	1,766	29
2,352	1,596	.....	2,077	1,300	.....	2,192	1,610	12
1,561	2,069	.....	1,211	1,650	9	1,580	1,915	9
235,081	227,580	679	221,709	205,014	2,863	238,273	218,105	4,084

*Abstract of*

COUNTIES.	Secretary of State.			Member of Board of Public Works.		
	Allen T. Wilkoff.	Aquila Wiley.	Ferdinand Shumacher.	Richard R. Porter.	Isaac B. Riley.	Milton Kennedy.
Adams .....	1,732	1,920	....	1,727	1,877	....
Allen .....	1,943	2,459	....	1,953	2,443	....
Ashland .....	2,007	2,434	7	2,025	2,421	....
Ashtabula .....	5,416	1,734	55	5,418	1,731	56
Athens .....	2,793	1,510	61	2,801	1,506	50
Auglaize .....	971	2,499	....	976	2,489	....
Belmont .....	4,138	3,739	66	4,163	3,719	67
Brown .....	2,325	2,855	2	2,336	3,104	2
Butler .....	2,877	4,887	2	2,875	4,878	2
Carroll .....	1,741	1,291	....	1,743	1,287	....
Champaign .....	2,830	2,604	7	2,846	1,992	5
Clarke .....	3,874	2,582	50	3,599	2,245	50
Clermont .....	3,376	3,652	....	3,389	3,638	....
Clinton .....	3,050	1,755	36	3,044	1,753	37
Columbiana .....	4,633	3,201	36	4,641	3,184	38
Coshocton .....	2,096	2,565	15	2,102	2,560	15
Crawford .....	1,846	3,258	9	1,858	3,259	9
Cuyahoga .....	13,562	9,959	192	13,586	9,925	196
Darke .....	2,870	3,425	2	2,878	3,427	2
Defiance .....	941	1,712	19	944	1,710	19
Delaware .....	2,564	2,167	178	2,564	2,166	180
Erie .....	2,963	2,639	19	2,970	2,635	19
Fairfield .....	2,257	3,699	7	2,264	3,690	7
Fayette .....	1,997	1,530	....	2,001	1,519	....
Franklin .....	4,942	7,031	95	4,945	7,004	89
Fulton .....	2,051	1,047	9	2,055	1,043	9
Gallia .....	2,674	1,521	31	2,676	1,514	31
Geauga .....	2,611	643	6	2,613	641	6
Greene .....	3,865	1,851	52	3,864	1,839	51
Guernsey .....	2,551	1,967	19	2,561	1,959	19
Hamilton .....	18,360	24,013	....	18,768	23,625	....
Hancock .....	2,346	2,690	....	2,349	2,674	....
Hardin .....	2,223	2,133	4	2,231	2,134	4
Harrison .....	2,135	1,629	11	2,203	1,613	11
Henry .....	1,056	1,593	....	1,056	1,593	....
Highland .....	3,161	3,029	....	3,172	3,025	....
Hocking .....	1,176	1,931	3	1,193	1,923	5
Holmes .....	930	2,451	....	932	2,456	....
Huron .....	3,879	2,516	79	3,879	2,516	78
Jackson .....	2,294	1,729	3	2,299	1,722	3
Jefferson .....	3,455	2,164	14	3,464	2,146	14
Knox .....	2,785	3,132	54	2,794	3,125	56
Lake .....	2,608	1,026	10	2,611	1,019	11
Lawrence .....	2,970	1,490	23	2,978	1,481	22
Licking .....	3,237	4,610	6	3,235	4,599	6
Logan .....	2,694	2,027	....	2,721	1,993	....
Lorain .....	4,326	2,160	1	4,352	2,133	1
Lucas .....	4,701	3,997	29	4,708	3,980	3
Madison .....	1,812	1,590	1	1,817	1,587	....
Mahoning .....	3,629	2,954	78	3,629	2,950	8
Marion .....	1,483	1,980	31	1,483	1,978	3

Votes—1872—Continued.

Judge of the Supreme Court.			President.			
John Welch.	John L. Green.	Charles L. Fish.	Ulysses S. Grant.	Horace Greeley.	James Black.	Charles O'Connor.
1,729	1,920	-----	1,877	1,972	11	-----
1,955	2,448	-----	2,010	2,463	2	31
2,021	2,424	-----	2,183	2,368	8	27
5,417	1,732	54	5,764	1,678	38	10
2,793	1,504	47	3,025	1,398	29	20
895	2,540	-----	1,180	2,535	47	30
4,159	3,727	64	4,267	3,647	-----	22
2,300	2,862	2	2,593	3,337	9	3
2,866	4,882	2	2,993	2,926	6	46
1,744	1,287	-----	1,817	1,283	-----	-----
2,838	1,992	-----	3,059	2,185	21	2
3,891	2,558	55	4,095	2,612	28	-----
3,380	3,640	-----	3,408	3,658	1	4
3,041	1,748	37	3,105	1,786	65	-----
4,642	3,037	33	4,773	2,897	30	26
2,093	2,566	15	2,252	2,656	22	-----
1,859	3,257	9	2,081	3,595	11	37
13,490	9,979	203	14,451	8,033	178	6
2,861	3,426	2	3,069	2,760	6	28
942	1,709	19	1,093	1,720	12	28
2,567	2,161	182	2,713	2,013	178	54
2,284	2,658	20	2,905	2,287	17	2
2,262	3,689	7	2,540	3,888	18	1
1,999	1,526	-----	2,140	1,545	12	-----
4,774	7,166	95	5,796	7,345	56	-----
2,047	1,047	9	2,210	826	15	37
2,681	1,514	28	2,855	1,553	25	-----
2,613	642	6	2,711	600	8	1
3,849	1,844	53	4,069	1,961	72	5
2,562	1,955	9	2,629	1,901	11	9
16,363	25,280	-----	20,083	24,941	-----	1
2,349	2,637	-----	2,311	2,449	3	-----
2,216	2,147	4	2,238	1,970	3	5
2,204	1,612	11	2,303	1,695	9	8
1,058	1,595	-----	1,160	1,510	1	42
3,161	3,031	-----	3,171	2,933	3	2
1,195	1,915	2	1,350	1,860	12	16
929	2,455	-----	1,089	2,530	1	-----
3,869	2,525	78	3,812	2,182	55	19
2,292	1,727	3	2,258	1,555	4	21
3,446	2,169	11	3,776	2,102	18	24
2,706	3,128	54	2,773	2,730	57	49
2,612	1,018	11	2,751	979	8	2
2,938	1,512	18	3,624	1,637	44	11
3,267	4,574	6	3,493	4,562	13	54
2,720	1,999	-----	2,795	1,955	2	6
4,349	2,139	1	4,432	2,097	7	10
4,567	4,108	31	5,253	3,083	24	24
1,804	1,608	-----	1,934	1,625	5	1
3,629	2,947	81	3,757	2,518	65	14
1,482	1,978	31	1,340	1,842	23	30



## ABSTRACT OF VOTES—1872—Continued.

COUNTIES.	Secretary of State.			Member of Board of Public Works.		
	Allen T. Wilkoff.	Aquila Wiley.	Ferdinand Shumacher.	Richard K. Porter.	Isaac B. Riley.	Milton Kennedy.
Medina .....	2,677	1,824	..	2,682	1,824	..
Meigs .....	3,361	2,006	..	3,359	2,004	..
Mercer .....	884	1,905	..	890	1,901	..
Miami .....	3,469	2,643	43	3,480	2,633	42
Monroe .....	1,130	2,877	38	1,132	2,869	41
Montgomery .....	7,108	7,449	37	7,133	7,431	6
Morgau .....	2,153	1,718	125	2,155	1,710	125
Morrow .....	2,206	1,813	27	2,181	1,835	26
Muskingum .....	4,364	4,508	6	4,389	4,481	6
Noble .....	1,984	1,823	..	1,988	1,823	..
Ottawa .....	993	1,615	10	994	1,610	10
Paulding .....	951	815	1	949	813	1
Perry .....	1,637	2,134	..	1,659	2,122	..
Pickaway .....	2,135	2,808	40	2,162	2,734	82
Pike .....	1,275	1,652	..	1,273	1,653	..
Portage .....	3,302	2,610	10	3,301	2,610	9
Preble .....	2,625	2,198	20	2,622	2,192	20
Putnam .....	1,136	2,234	4	1,139	2,232	4
Richland .....	3,138	3,767	..	3,178	3,718	..
Ross .....	3,515	3,776	1	3,528	3,756	..
Sandusky .....	2,401	2,976	21	2,458	2,948	21
Scioto .....	2,807	2,261	23	2,810	2,247	28
Seneca .....	3,166	3,757	52	3,170	3,756	49
Shelby .....	1,568	2,223	..	1,575	2,215	..
Stark .....	5,578	5,363	26	5,558	5,330	28
Summit .....	3,982	2,672	71	4,017	2,647	68
Trumbull .....	5,265	2,295	122	5,263	2,294	123
Tuscarawas .....	2,914	3,480	..	2,921	3,471	..
Union .....	2,423	1,710	4	2,434	1,701	5
Van Wert .....	1,789	1,771	..	1,791	1,770	..
Vinton .....	1,285	1,501	..	1,292	1,496	..
Warren .....	3,660	2,060	..	3,674	2,040	..
Washington .....	3,909	3,455	16	3,912	3,487	17
Wayne .....	3,531	3,749	4	3,629	3,677	2
Williams .....	2,227	1,860	14	2,228	1,857	15
Wood .....	2,777	1,962	8	2,817	1,923	8
Wyandot .....	1,767	2,120	..	1,776	2,105	..
Totals .....	265,930	251,785	2,045	266,820	250,365	2,082

In Adams county, J. B. Riley received 40 votes for Member of Board of Public Works.

In Brown county, John L. Green and Aquila Wiley each received 260 votes for Member of Board of Public Works.

In Clinton county, Richard D. Porter received 2 votes for Member of Board of Public Works.

In Columbiana county, George G. Green received 149 votes for Judge of Supreme Court.

In Morgan county, E. J. Riley received 7 votes for Member of Board of Public Works.

In Ross county, J. B. Riley received 2 votes for Member of Board of Public Works.

In Washington county, Aquila J. Wiley received 37 votes for Secretary of State.



Votes—1872—Continued.

Judge of the Supreme Court.			President.			
John Welch.	John L. Green.	Charles L. Fish.	Ulysses S. Grant.	Horace Greeley.	James Black.	Charles O'Connor.
2,682	1,826	.....	2,794	1,695	12	20
3,337	2,009	.....	3,501	1,812	3	4
884	1,901	.....	1,026	2,090	.....	26
3,449	2,657	42	3,753	2,910	33	2
1,128	2,872	33	1,307	2,878	59	8
6,878	7,639	34	6,998	7,183	38	12
2,163	1,716	119	2,339	1,551	105	22
2,170	1,847	26	2,197	1,639	30	18
4,366	4,493	6	4,558	4,304	20	7
1,985	1,824	.....	2,016	1,627	.....	37
974	1,633	10	1,122	1,439	3	6
951	814	1	979	637	.....	7
1,659	2,121	.....	1,907	2,172	.....	7
2,209	2,711	40	2,353	2,660	25	12
1,269	1,656	.....	1,284	1,568	.....	1
3,309	2,605	9	3,478	2,438	27	50
2,618	2,190	20	2,715	2,101	18	2
1,136	2,234	4	1,275	2,131	.....	20
3,178	3,735	.....	3,369	3,672	5	15
3,513	3,769	1	3,650	3,711	5	.....
2,408	2,965	21	2,380	2,729	31	5
2,788	2,275	23	2,888	2,091	40	1
3,147	3,774	49	3,128	3,462	44	4
1,574	2,217	.....	1,717	2,311	6	12
5,571	5,364	28	5,817	5,250	45	10
3,980	2,676	63	4,534	2,738	37	3
5,240	2,298	124	5,869	2,321	109	5
2,883	3,485	.....	3,178	3,586	1	2
2,431	1,701	5	2,450	1,564	8	.....
1,788	1,773	.....	1,805	1,686	.....	6
1,276	1,508	.....	1,314	1,340	.....	11
3,653	2,058	.....	3,763	2,168	3	3
3,913	3,483	16	4,231	3,680	32	.....
3,630	3,675	5	3,768	3,533	6	5
2,227	1,859	15	2,213	1,419	25	41
2,769	1,971	8	2,994	1,896	22	.....
1,777	2,108	.....	1,816	2,095	15	11
263,223	253,036	2,010	281,852	244,321	2,100	1,163

*Abstract of Votes cast at State and Presidential Elections in Ohio, from  
1851 to 1872 inclusive.*

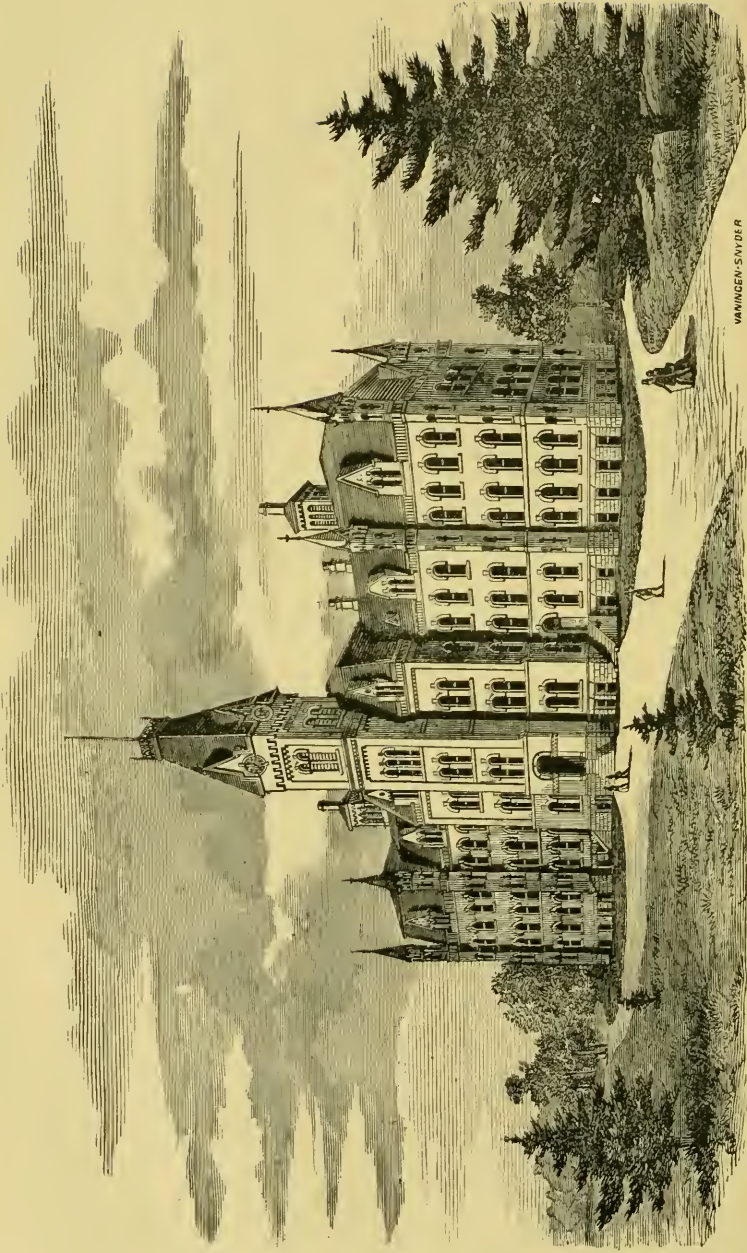
Year.	Officer to be elected.	Name of candidate.	Votes each received.	Total vote cast.
1852.....	President.....	Winfield Scott .....	152,523	353,188
		Franklin Pierce .....	163,933	
		John P. Hale.....	31,732	
1853.....	Governor .....	Nelson Barrere .....	85,857	283,866
		Wm. Medill.....	147,663	
		Samuel Lewis.....	50,346	
1854.....	Supreme Judge .....	Jos. R. Swan.....	186,498	295,573
		S. F. Norris .....	109,075	
1855.....	Governor .....	S. P. Chase.....	146,770	302,065
		Wm. Medill.....	131,019	
		Allen Trimble.....	24,276	
1856.....	President.....	John C. Fremont.....	187,497	386,497
		James Buchanan .....	170,874	
		M. Fillmore .....	28,126	
1857.....	Governor .....	S. P. Chase .....	160,568	329,905
		H. B. Payne.....	159,065	
		P. Van Trump.....	10,272	
1858.....	Supreme Judge.....	Wm. V. Peck.....	182,942	345,552
		Thomas W. Bartley .....	162,610	
1859.....	Governor .....	W. Dennison, Jr. ....	184,557	355,783
		R. P. Ranney .....	171,226	
1860.....	President.....	A. Lincoln .....	221,809	442,962
		S. A. Douglas .....	187,421	
		John Bell .....	12,193	
		J. C. Breckinridge.....	11,303	
		Gerritt Smith .....	136	
1861.....	Governor .....	David Tod .....	206,997	358,791
		H. J. Jewett .....	151,794	
1862.....	Secretary of State ..	Wilson S. Kennon .....	178,755	363,070
		W. W. Armstrong .....	184,315	
1863.....	Governor .....	John Brough .....	288,374	475,866
		C. L. Vallandigham .....	187,492	
1864.....	Secretary of State ..	Wm. Henry Smith.....	237,210	419,649
		W. W. Armstrong .....	182,439	
1864.....	President.....	A. Lincoln .....	265,654	471,253
		Geo. B. McClellan .....	205,599	
1865.....	Governor .....	J. D. Cox .....	233,633	417,430
		G. W. Morgan.....	193,797	
1866.....	Secretary of State ..	Wm. Henry Smith.....	256,302	469,908
		Ben. LeFever .....	213,606	
1867.....	Governor .....	R. B. Hayes.....	243,605	484,227
		A. G. Thurman.....	240,622	
1868.....	Secretary of State ..	I. R. Sherwood .....	267,065	516,747
		Thomas Hubbard .....	249,682	

*Abstract of Votes cast at State and Presidential Elections—Continued.*

Year.	Officers to be elected.	Names of candidate.	Votes each received.	Total vote cast.
1868 .....	President .....	U. S. Grant .....	280,167	518,783
		H. Seymour .....	238,621	
1869 .....	Governor .....	R. B. Hayes .....	235,081	463,310
		G. H. Pendleton .....	227,580	
		Samuel Scott .....	679	
1870 .....	Secretary of State .....	Isaac R. Sherwood .....	221,709	429,585
		Wm. Heisley .....	205,014	
		Jay Odell .....	2,862	
1871 .....	Governor .....	Edward F. Noyes .....	238,273	460,462
		George W. McCook .....	218,105	
		Gideon T. Stewart .....	4,084	
1872 .....	Secretary of State .....	A. T. Wikoff .....	265,830	519,655
		Aquila Wiley .....	251,780	
		F. Shumacher .....	2,045	
1872 .....	President .....	U. S. Grant .....	281,852	529,498
		H. Greeley .....	244,321	
		Jas. Black .....	2,000	
		Chas. O'Connor .....	1,163	
		Scattering .....	162	







*Ohio Agricultural and Mechanical College, Columbus, Ohio.*

This building is divided into five sections; the central, 67 feet front by 109 feet deep; two connecting wings, each 40 feet front by 44 feet deep; and two terminal wings.—[See page 247.]



STATISTICAL REPORT  
OF THE  
SECRETARY OF STATE,  
TO THE  
GENERAL ASSEMBLY OF THE STATE OF OHIO.  
FOR THE YEAR 1872.

OFFICE OF THE SECRETARY OF STATE,  
COLUMBUS, O., Dec. 15, 1872.

*To His Excellency, EDWARD F. NOYES, Governor:*

I have the honor to submit through you, as the Chief Executive, to the General Assembly of Ohio, my fourth and last annual report as Commissioner of Statistics.

Very respectfully, &c.,

ISAAC R. SHERWOOD,

*Secretary of State.*

# STATISTICAL REPORT.

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*To the General Assembly of Ohio :*

In submitting my last report on Ohio Statistics I occupy no space with recommendations of any character. In my three previous reports I have aimed to show the inefficiency of existing laws under which our social and manufacturing statistics are gathered, and have recommended more critical and generous legislation. The General Assembly have every year ordered a large extra edition of the report printed and distributed, but none of the legislation asked for has been granted. Hoping that the Constitutional Convention of 1873 will make the Commissioner of Statistics a constitutional officer, and trusting to its wisdom to enlarge the scope of his functions, I venture no fresh advice to the Sixtieth General Assembly.

However imperfect our present system of collecting statistics in Ohio, it has attracted very general attention, and served a valuable purpose. It has furnished an approximate estimate of our wealth, resources, and social status, and impressed the public mind with the importance of a more thorough and comprehensive system.

"The science of Statistics does not discuss causes, nor reason upon probable effects ; it seeks only to collect, arrange, and compare that class of facts which *alone* can form the basis of correct conclusions with respect to social and political government. Its peculiarity is, that it proceeds wholly by the accumulation of and comparison of facts, and does not admit of any kind of speculation. In this respect it resembles history. It is further remarked that the statist commonly prefers to employ figures and tabular exhibitions."

The above quotation, copied from the records of the London Statistical Society, includes all that can be said on the Science of Statistics. I make it my text.

## AGRICULTURE.

In speaking of the new era about to dawn upon the earth, and those who till it, through the influence of Agricultural Colleges, the Hon. Frederick Watts, National Commissioner of Agriculture, says :

“ Agricultural education in this land is a new idea, which has but now struck the public mind, and is yet to be matured, and a curriculum established which shall have for its object the education of youth in the science and art of cultivating the soil.”

My agricultural education was received in the trail of a plow tail and at the end of a hoe handle, at a time when scientific farming was in a deep fog, and Agricultural Colleges were undreamed of, and it would only provoke a scornful laugh from those learned scientists who imbibe their farming knowledge through a chemical laboratory, should I attempt any elaboration of this much worn theme.

I trust, however, that neither Mr. Watts nor the many agricultural enthusiasts who farm, rather with busy brains than with busy hands, may be disappointed in that flood of light which the new curriculum shall shed upon those who grub the earth.

### THE GRAIN CROPS.

The agricultural statistics of Ohio are returned by township assessors in the spring season, upon the crop of the preceding autumn. These returns show the grain crop of 1871 to be as follows :

Corn.....	98,363,660
Oats .....	32,696,127
Wheat.....	22,274,378
Barley.....	1,941,240
Rye .....	423,014
Buckwheat.....	177,938
Total bushels.....	155,880,757

This shows an increase over the aggregate grain crops of 1870 of 21,648,363 bushels, being an increase in corn, wheat, barley and rye, and a decrease in oats and buckwheat, as given in the following table :

	Bushels in 1870.	Bushels in 1871.	Increase in bushels.	Decrease in bushels.
Corn .....	88,565,299	98,363,060	9,797,761	.....
Wheat .....	18,726,341	32,696,127	13,969,786	.....
Oats .....	24,819,908	22,274,378	.....	2,545,530
Barley .....	1,502,007	1,941,240	439,233	.....
Rye .....	331,196	423,014	96,818	.....
Buckwheat .....	287,643	177,938	.....	109,705
Totals .....	134,232,394	155,880,757	24,303,598	2,655,235

The analysis of the agriculture of the State for the last thirteen years is as follows :

#### WHEAT FOR 1871.

Acres sown .....	1,677,659
Bushels produced .....	22,274,378
Average per acre .....	13.27

This is an increase of 18,998 in the number of acres sown in 1870, and a decrease of 5,363 acres, as compared with the average for the last thirteen years, which is 1,683,022; also an increase of 4,218,587 bushels, as compared with the average for the thirteen previous years. The average bushels per acre for that time is 10.72, showing an increase in 1871 of 2.55 bushels per acre over that average.

The following table exhibits the wheat crop in Ohio from 1858 to 1871, inclusive :

	Acres.	Bushels.	Average.
1858 .....	1,695,412	17,655,483	10.04
1859 .....	1,780,543	13,347,967	7.03
1860 .....	1,844,667	23,640,356	13.00
1861 .....	1,934,002	20,055,424	10.50
1862 .....	2,401,535	29,916,518	12.00
1863 .....	1,811,278	20,452,410	11.50
1864 .....	1,665,495	15,541,385	9.33
1865 .....	1,451,720	13,234,139	9.00
1866 .....	1,295,530	5,824,747	4.50
1867 .....	1,159,961	13,350,736	11.51
1868 .....	1,456,734	16,480,059	11.31
1869 .....	1,723,748	26,499,729	15.37
1870 .....	1,658,661	18,726,341	11.29
1871 .....	1,667,659	22,274,378	13.27

The following table shows sixteen counties in Ohio raising the largest amount of wheat in 1871 :

Counties.	Acres.	Bushels.	Average.
Seneca .....	42,409	738,849	17.42
Darke .....	56,783	669,355	11.80
Stark .....	39,772	659,902	16.59
Champaign .....	33,554	608,226	18.12
Miami .....	38,360	598,150	15.59
Wayne .....	33,966	573,025	16.87
Montgomery .....	39,095	559,259	14.30
Fairfield .....	38,434	482,063	12.54
Clarke .....	29,950	475,029	16.52
Preble .....	38,548	468,222	12.14
Logan .....	29,803	465,880	15.66
Hancock .....	29,196	458,536	15.70
Pickaway .....	28,010	451,820	16.13
Franklin .....	27,123	437,952	16.14
Greene .....	29,615	421,261	14.22
Sandusky .....	24,918	418,538	16.80
Totals.....	559,536	8,486,097	15.16

The average bushels per acre in these counties, as shown by the above table, was 15.16, being 1.89 bushels above the average per acre for the entire State.

The following table exhibits the wheat crop for 1871 in ten of the great wheat growing States :

Grade.	States.	Number acres.	Bushels produced.
1	Illinois .....	2,050,081	25,216,000
2	Ohio .....	1,677,659	22,274,378
3	Pennsylvania .....	1,193,765	19,339,000
4	Indiana .....	1,599,166	19,190,000
5	Wisconsin .....	1,511,147	18,436,000
6	Iowa .....	1,703,703	18,400,000
7	California .....	1,523,363	16,757,000
8	Michigan .....	1,157,500	16,205,000
9	Missouri .....	957,089	12,825,000
10	Minnesota .....	1,092,363	12,016,000

The number of acres reported in wheat in all the States and Territories in 1871, is 19,943,893 ; number of bushels produced, 230,722,400 ; value of crop, \$290,411,820.

The system of averages per acre on the grain crops was inaugurated in this office in 1869 by Capt. A. T. Wikoff, Chief Clerk, and Secretary of State elect. These statistics have attracted very general attention, and I am much gratified to know, that the system has been adopted in the agronomical department of the Geological Survey.

Thus the seed, thought to be sown on stony ground, has brought forth a hundred fold.



*Table showing the Northern District of thirty-three counties. (See Map No. 1.)*

COUNTIES.	1869.	1870.	1871.		
	Average.	Average.	Acres.	Bushels.	Av'age.
Allen .....	16.27	9.14	18,570	274,849	14.80
Ashland .....	18.83	9.96	21,080	339,044	16.08
Ashtabula .....	17.50	10.00	8,117	104,022	12.81
Crawford .....	19.17	11.72	20,725	276,205	13.32
Cuyahoga .....	16.15	12.08	3,592	54,318	15.12
Defiance .....	13.74	10.16	14,139	210,567	14.89
Erie .....	20.67	16.61	9,784	170,033	17.37
Fulton .....	15.23	13.88	15,475	273,535	17.67
Geauga .....	17.22	10.19	2,903	35,829	12.34
Hancock .....	16.14	11.23	29,196	458,536	15.70
Hardin .....	13.07	8.60	14,468	246,315	17.02
Henry .....	14.13	13.48	12,359	204,356	16.53
Huron .....	21.20	10.84	15,127	277,298	18.33
Lake .....	17.68	14.63	4,024	56,324	13.99
Lorain .....	17.68	11.30	8,900	142,435	16.00
Lucas .....	16.02	14.96	7,373	156,667	21.25
Mahoning .....	16.44	10.03	9,274	129,967	14.01
Marion .....	17.95	11.24	15,266	192,202	12.59
Medina .....	17.75	10.71	8,906	133,050	14.93
Ottawa .....	15.75	13.27	5,646	106,960	18.94
Paulding .....	13.60	9.86	4,698	61,597	13.11
Portage .....	17.38	11.29	9,392	130,223	13.86
Putnam .....	15.02	10.00	15,131	256,398	16.94
Richland .....	18.73	11.13	26,057	373,977	14.35
Sandusky .....	17.16	13.41	24,918	418,538	16.79
Seneca .....	19.60	12.43	42,409	738,849	17.42
Stark .....	18.41	13.86	39,772	659,902	16.59
Summit .....	19.10	14.33	17,083	313,264	18.33
Trumbull .....	17.16	13.90	6,080	82,442	13.55
Wayne .....	18.56	12.35	33,966	573,025	16.87
Williams .....	12.96	12.43	19,922	354,329	17.78
Wood .....	17.84	13.86	15,777	269,114	17.05
Wyandot .....	18.10	14.86	20,734	324,228	15.63
Totals .....	17.45	12.09	520,863	8,398,398	16.12

*Table showing the Central District of thirty-three Counties. (See Map No. 1.)*

COUNTIES.	1869.	1870.	1871.		
	Average.	Average.	Acres.	Bushels.	Average.
Auglaize.....	15.83	10.35	18,003	269,634	14.97
Belmont.....	13.75	12.25	20,683	234,125	11.31
Carroll.....	13.73	10.16	14,133	177,165	12.53
Champaign.....	19.31	11.67	33,554	608,226	18.12
Clarke.....	18.50	13.70	29,950	475,029	15.86
Columbiana.....	14.93	12.42	17,329	257,683	14.87
Coshocton.....	14.01	11.45	25,032	238,990	9.54
Darke.....	16.80	10.28	56,783	669,355	11.87
Delaware.....	16.51	12.68	14,518	190,249	13.10
Fairfield.....	14.70	12.15	38,434	482,063	12.54
Fayette.....	14.06	11.94	6,761	93,153	13.77
Franklin.....	16.19	11.82	27,123	437,952	16.14
Greene.....	14.19	13.26	29,615	421,261	14.22
Guernsey.....	10.18	9.59	15,182	107,229	7.06
Harrison.....	17.38	7.72	12,453	150,448	12.08
Holmes.....	15.64	12.88	21,510	289,060	13.43
Jefferson.....	14.48	12.55	14,014	198,827	14.18
Knox.....	15.99	11.20	22,876	272,890	11.92
Licking.....	11.59	12.58	28,735	342,118	11.90
Logan.....	17.94	10.52	29,803	465,880	15.63
Madison.....	14.08	13.30	6,966	131,511	18.87
Mercer.....	14.82	6.03	21,146	289,082	13.67
Miami.....	19.79	14.06	38,360	598,150	15.59
Montgomery.....	21.59	13.68	39,095	559,289	14.30
Morrow.....	18.04	10.39	11,294	137,623	12.18
Muskingum.....	12.25	10.96	25,270	231,219	9.14
Perry.....	11.23	10.64	17,303	172,548	9.74
Pickaway.....	14.71	13.28	28,010	451,820	16.13
Preble.....	15.99	9.74	38,548	468,222	12.14
Shelby.....	19.02	9.73	28,448	396,566	13.94
Tuscarawas.....	17.33	12.70	28,878	349,044	12.07
Union.....	14.79	7.72	14,216	207,900	14.62
Van Wert.....	14.06	7.88	11,463	191,506	16.70
Totals.....	17.38	11.46	785,488	10,565,817	13.45

# MAP OF OHIO,

*Exhibiting the State in three Districts, with the average per acre of Wheat Crop.*



NORTHERN DISTRICT.—Thirty-three counties, average per acre, 1871, 16.12 bushels.

CENTRAL DISTRICT.—Thirty-three counties, average per acre, 1871, 13.45 bushels.

SOUTHERN DISTRICT.—Twenty-two counties, average per acre, for 1871, 8.92 bushels.

See table on page 154 for average per year in each District for fifteen years.



*Table showing the Southern District of twenty-two counties. (See Map No. 1.)*

COUNTIES.	1869.	1870.	1871.		
	Average.	Average.	Acres.	Bushels.	Average.
Adams .....	8.96	7.76	18,239	107,384	5.97
Athens .....	7.69	9.35	15,535	162,936	10.48
Brown .....	9.02	8.59	20,571	197,442	9.59
Butler .....	15.94	12.61	34,318	384,427	11.20
Clermont .....	9.26	9 19	15,619	163,519	10.46
Clinton .....	14.63	10.91	19,121	223,867	11.70
Gallia .....	8.56	7.72	19,633	149,531	7.61
Hamilton .....	14.17	13.16	8,615	119,911	13.91
Highland .....	10.56	9.11	33,961	254,744	7.50
Hocking .....	9.25	9.63	14,281	104,490	7.31
Jackson .....	6.74	7.12	10,526	28,516	2.70
Lawrence .....	9.94	8.30	9,606	62,366	6.49
Meigs .....	9.11	10.38	15,559	148,827	9.56
Monroe .....	10.60	8.39	14,756	126,299	8.55
Morgan .....	11.85	11.24	15,997	151,110	9.44
Noble .....	10.75	9.85	14,424	108,459	7.51
Pike .....	7.77	8 45	8,346	41,573	4.98
Ross .....	11.86	12.14	26,870	245,059	9.11
Scioto .....	9.44	8.17	4,831	42,861	8.87
Vinton .....	6.30	8.69	7,663	47,053	6.14
Warren .....	15.22	11.70	20,275	229,968	11.34
Washington .....	10.27	10.03	22,010	209,921	9.53
Totals .....	11.09	9.88	370,806	3,310,263	8.92

The foregoing tables of Districts show an increase in 1871, on the average number of bushels per acre in 1870, as follows: In the Northern District, 4.03 bushels; in the Central District, 1.99 bushels; and a decrease in the Southern District of .96 bushels.

The following table shows the average per acre of the wheat crops in each of the three Districts, from 1857 to 1871, inclusive:

Years.	Northern District.	Central District.	Southern District.
1857 .....	15.34	12.54	14.70
1858 .....	13.09	10.16	8.67
1859 .....	7.31	6.56	8.84
1860 .....	15.13	13.63	9.50
1861 .....	11.72	10.37	8.80
1862 .....	14.49	15.14	12.50
1863 .....	12.22	10.87	10.82
1864 .....	8.83	10.23	8.56
1865 .....	10.27	9.50	7.29
1866 .....	6.78	4.44	2.32
1867 .....	12.27	11.73	9.80
1868 .....	14.40	10.94	8.41
1869 .....	17.45	17.38	11.09
1870 .....	12.09	11.46	9.88
1871 .....	16.12	13.45	8.92

#### CORN.

The corn crop in Ohio in 1871 is reported as follows:

Acres planted.....	2,682,165
Bushels produced.....	93,363,060
Average bushels per acre.....	36.67

This crop is the largest ever raised in the State, and is an increase of 9,797,761 bushels on the crop of 1870, and a decrease of .89 bushels on the average per acre for that year. It is also an increase of 30,409,107 bushels on the average yearly production for the previous twenty-one years, and an increase of 3.84 bushels on the average per acre for that time.



The following table gives the corn crops produced each year since 1850 :

Years.	Acres.	Bushels.	Average.
1850.....	1,537,947	56,619,608	36.8
1851.....	1,664,227	61,171,282	36.7
1852.....	1,730,188	58,165,517	33.6
1853.....	1,836,493	73,436,090	40.0
1854.....	1,972,337	52,171,551	26.0
1855.....	2,205,282	87,587,434	39.7
1856.....	2,084,892	57,802,515	27.7
1857.....	2,254,424	82,555,186	36.6
1858.....	1,834,138	50,863,582	27.7
1859.....	2,431,312	68,730,846	29.5
1860.....	2,397,639	91,588,704	38.0
1861.....	2,266,129	74,858,878	33.0
1862.....	2,120,544	62,764,887	30.0
1863.....	2,027,811	54,614,617	27.0
1864.....	1,938,616	54,053,491	27.0
1865.....	1,932,305	68,053,608	35.0
1866.....	2,248,993	80,386,320	36.5
1867.....	2,183,790	63,875,064	29.84
1868.....	2,232,301	76,725,288	34.37
1869.....	2,201,357	62,443,346	28.36
1870.....	2,360,189	88,565,299	37.52
1871.....	2,682,165	98,363,060	36.67

The counties producing more than 1,500,000 bushels of corn in 1871, are as follows:

Counties.	Acres.	Bushels.	Average.
Pickaway.....	81,947	3,097,957	37.80
Madison.....	58,542	2,545,268	43.47
Butler.....	58,723	2,522,690	42.95
Ross.....	76,311	2,522,678	33.05
Clinton.....	57,746	2,450,864	42.44
Greene.....	49,029	2,391,841	48.78
Warren.....	49,208	2,136,382	43.41
Franklin.....	64,589	2,129,385	32.96
Fairfield.....	52,072	2,083,754	40.01
Darke.....	50,194	1,995,088	39.74
Highland.....	57,674	1,947,544	33.76
Fayette.....	41,022	1,872,811	45.65
Miami.....	46,827	1,781,505	38.04
Preble.....	43,266	1,720,119	39.75
Champaign.....	41,302	1,654,675	40.06
Licking.....	51,180	1,622,158	31.69
Hancock.....	36,385	1,552,088	42.65
Montgomery.....	38,751	1,533,967	39.58
Clarke.....	38,198	1,531,459	40.09

The tables following show the amount of corn produced per acre in the years 1868, 1869, 1870 and 1871, in the Maumee, Miami, Scioto, Hocking and Muskingum Valleys, the Western Reserve and Ohio river counties. (Map No. 2 shows the groups of counties, as enumerated, at a glance :)

## MAUMEE VALLEY.

Counties.	Bushels per acre, 1868.	Bushels per acre, 1869.	Bushels per acre, 1870.	Bushels per acre, 1871.
Lucas.....	45.14	26.72	57.35	47.04
Wyandot.....	36.71	12.55	37.16	38.69
Hancock.....	33.31	18.34	39.06	42.65
Crawford.....	33.32	20.65	40.49	38.11
Sandusky.....	32.12	16.62	43.18	41.95
Wood.....	32.05	12.97	43.09	36.78
Ottawa.....	31.94	22.40	47.37	46.05
Defiance.....	30.90	15.33	36.61	36.70
Henry.....	29.48	14.13	40.10	42.00
Fulton.....	29.16	21.56	52.58	41.12
Allen.....	29.09	17.10	40.89	38.58
Mercer.....	28.86	16.81	36.01	34.59
Williams.....	27.74	19.57	37.71	37.64
Putnam.....	26.44	21.63	38.40	42.71
Paulding.....	26.07	13.19	41.74	37.15
Seneca.....	24.22	21.68	30.59	34.79
Van Wert.....	23.21	10.84	40.23	43.00
Anglaize.....	18.02	18.87	35.49	34.80

General average of the Maumee Valley: 1868, 30.22 bushels; 1869, 17.57 bushels; 1870, 39.65 bushels; 1871, 39.68 bushels.

## MIAMI VALLEY.

Counties.	Bushels per acre, 1868.	Bushels per acre, 1869.	Bushels per acre, 1870.	Bushels per acre, 1871.
Montgomery.....	43.98	27.60	39.81	39.58
Warren.....	40.72	32.15	44.19	43.41
Butler.....	40.82	30.64	44.48	42.95
Hamilton.....	40.15	33.79	35.84	41.33
Clinton.....	39.39	32.05	46.85	42.44
Champaign.....	39.11	34.93	38.22	40.06
Greene.....	38.42	32.49	39.12	48.78
Miami.....	38.14	34.36	36.61	38.04
Clarke.....	37.55	37.36	38.35	40.09
Darke.....	37.16	26.26	33.94	39.74
Preble.....	36.89	25.56	43.13	39.75
Logan.....	34.84	29.66	37.03	37.82
Clermont.....	31.20	21.31	28.68	34.02
Shelby.....	27.02	23.31	27.00	38.08

General average of the Miami Valley: 1868, 38.12 bushels; 1869, 30.07 bushels; 1870, 38.92 bushels; 1871, 40.43 bushels.



MAP No. 2.



## SCIOTO VALLEY.

Counties.	Bushels per acre, 1868.	Bushels per acre, 1869.	Bushels per acre, 1870.	Bushels per acre, 1871.
Delaware .....	40.75	29.44	37.60	32.73
Pickaway .....	38.11	33.48	35.48	37.80
Franklin .....	37.73	26.12	32.90	32.96
Ross .....	37.60	35.32	37.26	33.05
Madison .....	36.76	27.75	39.52	43.47
Marion .....	35.35	21.13	34.59	36.05
Highland .....	34.48	20.69	35.04	33.76
Union .....	34.37	25.05	39.77	25.38
Morrow .....	33.16	27.47	36.83	31.32
Fayette .....	32.91	29.94	43.61	45.65
Hardin .....	32.60	14.93	37.44	38.77
Pike .....	27.05	27.54	31.75	27.07
Jackson .....	26.67	21.52	26.19	25.26
Scioto .....	20.88	32.44	31.74	24.29

General average of the Scioto Valley: 1868, 34.62 bushels; 1869, 27.86 bushels; 1870, 36.16 bushels; 1871, 33.39 bushels.

## HOCKING VALLEY.

Counties.	Bushels per acre, 1868.	Bushels per acre, 1869.	Bushels per acre, 1870.	Bushels per acre, 1871.
Fairfield .....	42.32	37.11	36.34	40.01
Athens .....	38.14	38.53	30.80	36.41
Perry .....	35.37	32.38	30.95	35.86
Hocking .....	33.93	17.94	28.90	30.77
Meigs .....	33.21	26.67	27.29	29.00
Vinton .....	29.39	25.75	27.11	28.82
Gallia .....	28.64	28.51	23.63	28.89
Lawrence .....	26.91	27.05	25.20	24.29

General average of the Hocking Valley: 1868, 34.98 bushels; 1869, 29.96 bushels; 1870, 30.04 bushels; 1871, 31.75 bushels.

## MUSKINGUM VALLEY.

Counties.	Bushels per acre, 1868.	Bushels per acre, 1869.	Bushels per acre, 1870.	Bushels per acre, 1871.
Licking .....	41.17	37.83	44.02	31.69
Stark .....	39.56	34.24	51.88	50.77
Guernsey .....	38.42	32.86	33.47	33.39
Morgan .....	37.49	32.40	33.89	41.37
Wayne .....	35.44	30.31	40.30	43.47
Muskingum .....	35.12	34.67	37.27	38.02
Harrison .....	34.31	39.39	40.10	43.50
Ashland .....	33.89	27.42	35.91	40.89
Noble .....	33.63	35.22	38.39	40.79
Knox .....	33.47	34.23	38.55	29.79
Coshocton .....	31.48	33.62	28.26	39.86
Washington .....	31.02	26.71	30.12	33.86
Tuscarawas .....	30.92	35.38	36.39	40.60
Carroll .....	30.09	32.90	34.91	42.23
Richland .....	27.64	26.00	35.19	35.39
Holmes .....	27.35	27.68	32.37	33.35

General average of the Muskingum Valley: 1868, 33.69 bushels; 1869, 32.78 bushels; 1870, 37.59 bushels; 1871, 38.68 bushels.

## WESTERN RESERVE.

Counties.	Bushels per acre, 1868.	Bushels per acre, 1869.	Bushels per acre, 1870.	Bushels per acre, 1871.
Lake .....	66.65	34.44	38.46	42.27
Trumbull .....	50.66	34.56	45.97	51.96
Summit .....	47.96	39.44	55.86	58.54
Ashtabula .....	47.86	31.84	49.95	40.16
Mahoning .....	40.25	28.55	47.62	45.29
Portage .....	37.76	37.97	48.01	52.46
Medina .....	36.77	32.48	48.82	31.42
Lorain .....	35.80	32.75	38.62	40.76
Cuyahoga .....	33.74	38.66	45.59	49.28
Geauga .....	31.15	28.06	38.52	42.76
Erie .....	30.16	29.12	37.13	34.45
Huron .....	25.65	26.33	41.28	35.69

General average of the Western Reserve: 1868, 37.89 bushels; 1869, 32.24 bushels; 1870, 44.60 bushels; 1871, 43.75 bushels.

## OHIO RIVER COUNTIES.

Counties.	Bushels per acre, 1868.	Bushels per acre, 1869.	Bushels per acre, 1870.	Bushels per acre, 1871.
Belmont .....	34.90	42.44	40.10	46.84
Columbiana .....	33.84	30.88	37.32	35.97
Brown .....	29.64	20.65	29.25	31.81
Jefferson .....	29.61	41.52	39.17	44.41
Adams .....	26.85	21.77	28.06	27.48
Monroe .....	25.85	29.14	32.28	35.76

General average of the Ohio River counties: 1868, 29.78 bushels; 1869, 29.25 bushels; 1870, 33.16 bushels; 1871, 37.04 bushels.

The following table shows the average number of bushels of corn per acre in the foregoing districts, respectively, in the years 1868, 1869, 1870 and 1871:

Districts.	Bushels per acre, 1868.	Bushels per acre, 1869.	Bushels per acre, 1870.	Bushels per acre, 1871.
Miami Valley .....	38.12	30.07	38.92	40.43
Western Reserve .....	37.89	32.24	44.60	43.75
Hocking Valley .....	34.98	29.96	30.04	31.75
Scioto Valley .....	34.62	27.86	36.16	33.39
Muskingum Valley .....	33.69	38.88	37.59	38.68
Maumee Valley .....	32.22	17.58	39.65	39.68
Ohio River counties .....	29.93	29.25	33.16	37.04



The following table exhibits the corn crop of 1871 in ten of the great corn growing States :

	Number acres.	Number bushels.
1—Illinois .....	5,310,469	203,391,000
2—Iowa .....	2,329,858	99,019,000
3—Ohio .....	2,682,165	98,363,060
4—Missouri .....	2,299,736	87,390,000
5—Indiana .....	2,218,627	79,205,000
6—Kentucky .....	1,972,271	53,843,000
7—Tennessee .....	1,995,652	45,900,000
8—Pennsylvania .....	1,105,746	39,254,000
9—Kansas .....	617,325	24,693,000
10—Wisconsin .....	567,480	21,394,000

The number of acres planted in 1871 in all the States and Territories is reported at 34,091,137 ; bushels produced, 991,898,000.

OATS.

The oat crop in Ohio for the year 1871 is reported as follows :

Acres sown .....	1,000,122
Bushels produced .....	32,696,127
Average bushels per acre .....	32.69

This is the largest crop, by 6,123,453 bushels, ever reported to this office. The oat crops, for a series of years, were as follows :

Year.	Acres.	Bushels.	Average per acre.
1839 .....	.....	14,393,103	.....
1849 .....	.....	13,472,742	.....
1857 .....	.....	26,572,674	.....
1858 .....	669,147	8,026,251	12.
1859 .....	643,613	15,048,910	23.
1860 .....	830,104	25,127,724	30.
1861 .....	728,722	17,793,794	24.
1862 .....	574,820	11,802,470	20.
1863 .....	543,019	11,317,561	20.
1864 .....	606,738	14,579,295	24.
1865 .....	690,740	17,586,664	25.
1866 .....	770,206	21,856,564	28.
1867 .....	766,607	18,534,222	24.
1868 .....	798,573	19,058,852	23.
1869 .....	836,564	24,417,799	29.18
1870 .....	927,160	24,819,908	26.88
1871 .....	1,000,122	32,696,127	32.69

The following table gives the amount produced, and the average bushels per acre, of twenty-two counties producing the greatest number of bushels of oats in the year 1871 :

Counties.	No. acres.	No. bushels.	Average.
Wayne .....	25,016	942,010	37.65
Richland .....	24,448	928,842	37.99
Stark .....	23,798	928,685	39.00
Huron .....	22,008	834,777	37.93
Seneca .....	20,550	801,790	39.01
Tuscarawas .....	23,562	717,784	30.46
Darke .....	17,112	699,271	40.85
Crawford .....	16,771	698,711	41.66
Ashland .....	17,829	686,943	38.52
Holmes .....	18,030	673,300	37.34
Ashtabula .....	7,451	615,892	82.65
Lorain .....	13,738	575,667	41.90
Columbiana .....	18,470	571,400	30.93
Shelby .....	15,919	571,222	35.88
Sandusky .....	15,904	557,585	35.05
Knox .....	14,832	532,068	35.87
Medina .....	14,790	516,417	34.91
Morrow .....	12,857	516,139	40.13
Montgomery .....	13,182	514,138	39.00
Summit .....	13,974	510,215	36.51
Wood .....	14,736	501,549	34.03
Hancock .....	11,906	500,682	42.05
Totals .....	376,883	14,395,087	38.19

The following table exhibits the oat crop in the ten States producing the largest number of bushels :

	Acres sown.	No. bushels.
1—Illinois .....	1,163,202	33,502,000
2—Ohio .....	1,000,122	32,696,127
3—New York .....	834,015	32,610,000
4—Pennsylvania .....	1,017,580	31,545,000
5—Iowa .....	485,012	19,934,000
6—Missouri .....	488,056	13,812,000
7—Indiana .....	409,166	11,784,000
8—Michigan .....	281,695	9,634,000
3—Minnesota .....	233,224	7,883,000
10—Kentucky .....	255,514	6,209,000

The number of acres sown in oats in all the States and Territories, in 1871, is reported 8,365,809 ; number of bushels produced, 225,743,000.

#### BARLEY.

The crop raised in Ohio in 1871 is reported as follows :

Acres sown .....	81,252
Bushels produced .....	1,941,240
Average bushels per acre .....	23.89

The statistics of this crop for the last five years are shown in the following table :

	1867.	1868.	1869.	1870.	1871.
Acres sown .....	84,131	40,021	72,847	78,976	81,252
Bushels produced .....	1,604,176	815,788	1,689,416	1,502,007	1,941,240
Average per acre.....	19.	20.38	23.19	19.	23.89

The barley crops, since 1860, have been as follows :

	Bushels.	Average per acre.		Bushels.	Average per acre.
1860 .....	1,548,477	21.	1866 .....	1,353,955	14.
1861 .....	1,255,049	21.	1867 .....	1,604,179	19.
1862 .....	1,222,041	22.	1868 .....	815,788	20.38
1863 .....	1,329,251	18.	1869 .....	1,689,416	23.18
1864 .....	2,337,213	21.25	1870 .....	1,502,007	19.
1865 .....	2,419,900	17.	1871 .....	1,941,240	23.89

The average per acre in 1871 is 4.89 bushels above the average for the ten previous years.

The ten States raising the most barley in 1871 are as follows :

	Number acres sown.	Number bushels sown.
1—California .....	364,350	7,287,000
2—New York .....	268,185	6,946,000
3—Iowa .....	71,283	2,110,000
4—Illinois .....	80,509	2,053,000
5—Ohio .....	81,252	1,941,240
6—Wisconsin .....	51,204	1,531,000
7—Minnesota .....	37,795	960,000
8—Michigan .....	23,879	554,000
9—Pennsylvania .....	25,376	472,000
10—Maine .....	20,418	439,000

The number of acres sown in barley in 1871, in all the States and Territories, is reported 1,177,666; number of bushels produced, 26,718,500.

#### RYE.

The rye crop in Ohio for 1871 is reported as follows :

Number of acres sown .....	37,207
Number of bushels produced .....	428,014
Average bushels per acre.....	11.50

The following table shows a comparison of this crop with that of 1870:

	1870.	1871.	Increase.
Acres sown.....	35,101	37,207	2,106
Bushels produced.....	331,196	428,014	96,818
Average bushels per acre.....	9.43	11.50	2.07

The rye crops are given below from 1860 to 1871, inclusive :

Year.	Acres.	Bushels.	Average per acre.
1860 .....	94,394	1,078,764	11.40
1861 .....	69,374	779,829	11.22
1862 .....	57,381	823,291	14.34
1863 .....	32,257	305,939	9.43
1864 .....	43,561	503,316	10.30
1865 .....	87,289	910,518	10.43
1866 .....	77,947	622,333	7.98
1867 .....	103,609	1,025,291	9.44
1868 .....	87,899	815,666	9.30
1869 .....	76,436	852,722	11.28
1870 .....	35,101	331,196	9.43
1871 .....	37,207	428,014	11.50

The following table exhibits the rye crop of ten States for 1871 :

No.	States.	No. Acres sown.	No. Bushels produced.
1	Pennsylvania.....	223,493	3,336,000
2	New York.....	141,024	2,341,000
3	Illinois.....	123,033	2,190,000
4	Wisconsin.....	77,204	1,243,000
5	Kentucky.....	92,446	869,000
6	Iowa.....	26,783	533,000
7	New Jersey.....	34,466	517,000
8	Missouri.....	29,707	508,000
9	Virginia.....	34,338	467,000
10	Ohio.....	37,207	428,014

The number of acres sown in rye in 1871 in all the States and Territories is reported at 1,069,531; number of bushels produced, 15,368,500.

#### BUCKWHEAT.

The crop of buckwheat produced in 1871 was as follows :

Number of acres sown.....	14,972
Number of bushels produced.....	177,938
Average bushels per acre.....	11.88

Comparing with 1870, this crop shows the following results:

Decrease in acres sown.....	9,454
Decrease in bushels produced.....	109,705
Increase in average bushels per acre.....	.11

The annual production of buckwheat, for a series of years, is given below:

Year.	Acres sown.	Bushels produced.	Average per acre.
1858 .....	71,282	791,921	11.11
1859 .....	149,445	3,042,176	20.22
1860 .....	66,827	763,939	11.43
1861 .....	51,389	696,623	13.55
1862 .....	20,907	179,135	8.56
1864 .....	71,045	965,679	13.58
1865 .....	33,625	831,985	24.74
1866 .....	103,982	1,292,415	12.42
1867 .....	57,873	590,245	10.19
1868 .....	51,232	562,256	10.97
1869 .....	28,948	223,766	7.70
1870 .....	24,426	287,643	11.77
1871 .....	14,972	177,938	11.88

The ten States raising the largest amount of buckwheat in 1871 are as follows:

No.	States.	No. Acres sown.	No. Bushels produced.
1	New York .....	128,257	3,091,000
2	Pennsylvania .....	97,156	2,050,000
3	Wisconsin .....	24,480	448,000
4	Michigan .....		405,000
5	Maine .....	18,952	368,000
6	Vermont .....	15,190	319,000
7	New Jersey .....	18,062	289,000
8	Ohio .....	14,972	177,938
9	Illinois .....	11,631	164,000
10	Indiana .....	11,407	154,000

The whole number of acres sown in buckwheat in the States and Territories in 1871 is reported 413,915; number of bushels produced, 8,328,700. It will be seen that New York grows over one-third of all the buckwheat grown in the United States.

#### POTATOES.

The production of potatoes in 1871 was as follows:

Number of acres planted.....	100,630
Number of bushels produced .....	8,755,193
Average bushels per acre .....	87.00



A comparison with the crops of 1870 is given in the following table :

	1870.	1871.	Increase.
Acres planted.....	87,787	100,630	12,843
Bushels produced .....	6,121,590	8,755,193	2,633,603
Average per acre.....	69.73	87.00	17.27

The potato crops from 1860 to 1871, inclusive, were as follows :

Year.	Acres.	Bushels.	Average per acre.
1860 .....	96,254	9,365,386	98.
1861 .....	80,949	6,556,901	80.
1862 .....	75,367	5,169,327	70.
1863 .....	80,785	5,297,498	66.
1864 .....	81,972	6,811,055	83.
1865 .....	70,515	4,827,354	66.
1866 .....	94,226	6,725,577	71.
1867 .....	87,149	5,744,530	65.
1868 .....	103,257	7,449,247	72.
1869 .....	118,862	10,274,605	86.44
1870 .....	87,787	6,121,590	69.73
1871 .....	100,630	8,755,193	87.
Totals .....	1,077,783	83,098,263	77.10

The ten States raising the greatest number of bushels of potatoes in 1871 are as follows :

No.	States.	No. Acres.	No. Bushels.
1	New York.....	246,514	26,377,000
2	Pennsylvania .....	104,901	11,749,000
3	Ohio.....	100,630	8,755,193
4	Maine .....	51,475	7,310,000
5	Illinois .....	117,409	7,162,000
6	Iowa .....	46,442	6,084,000
7	Michigan .....	87,500	5,950,000
8	Wisconsin.....	52,400	5,502,000
9	Vermont .....	30,312	4,850,000
10	New Jersey .....	40,989	3,935,000

The whole number of acres planted in potatoes in all the States and Territories in 1871, as reported, is 1,220,912. Number of bushels produced, 120,461,700.

New York produced more than one-fifth of all the potatoes grown in the States and Territories.



COMPARATIVE AGGREGATE OF GRAIN CROPS.

The following table shows the acreage of grain crops in the last six reported years:

Crops.	Acres in 1866.	Acres in 1867.	Acres in 1868.	Acres in 1869.	Acres in 1870.	Acres in 1871.
Wheat .....	1,295,530	1,159,964	1,456,734	1,723,748	1,658,661	1,677,659
Corn .....	2,248,993	2,183,790	2,232,301	2,201,357	2,360,189	2,682,165
Rye .....	77,947	108,609	87,899	76,436	35,101	37,207
Barley .....	94,675	84,134	40,021	72,847	78,976	81,252
Oats .....	770,206	766,607	798,573	836,564	923,260	1,000,122
Buckwheat .....	103,982	57,873	51,232	28,948	24,426	14,972
Potatoes .....	94,226	87,149	103,287	118,862	87,787	100,630
Acres in grain ....	4,635,559	4,448,126	4,770,047	5,058,762	5,168,400	5,594,007

The acres sown in 1871 exceed the average acreage for the five previous years by the sum of 777,829, and is 425,607 in excess of the acres sown in 1870.

The aggregate acreage of grain crops in all the States and Territories in 1871 is reported as follows:

Corn .....	34,091,137
Wheat .....	19,943,893
Rye .....	1,069,531
Oats .....	8,365,809
Barley .....	1,177,666
Buckwheat .....	413,915
Potatoes .....	1,220,912
Total .....	66,282,863

The aggregate acreage of all the States and Territories reported in 1870 was 70,579,135, showing a decrease in 1871 of 4,296,272 acres.

The following table shows the number of bushels of grain produced in each of the last six years:

Crops.	1866. Bushels.	1867. Bushels.	1868. Bushels.	1869. Bushels.	1870. Bushels.	1871. Bushels.
Wheat.....	5,824,747	13,350,725	16,480,059	26,499,729	18,726,341	22,274,378
Corn .....	80,386,320	63,875,064	76,725,288	62,443,346	88,565,299	98,363,060
Oats .....	21,856,564	18,534,222	19,058,852	24,417,799	24,819,908	32,696,127
Barley .....	1,353,955	1,604,179	815,788	1,689,416	1,502,007	1,941,240
Rye .....	622,333	1,025,291	815,666	852,722	331,196	428,014
Buckwheat .....	1,292,415	590,245	562,257	223,766	287,643	177,938
Potatoes .....	6,725,577	5,744,530	7,449,247	10,274,605	6,121,590	8,755,193
Totals.....	118,061,911	104,724,257	121,907,156	126,401,382	140,354,984	164,635,950

The aggregate of the breadstuffs in Ohio in 1871 shows an increase of 24,280,966 bushels over the aggregate for 1870, and an increase of 42,346,012 bushels over the average aggregate for the last five years.

The aggregate number of bushels of grain produced in all the States and Territories in 1871 is reported as follows :

Corn .....	991,898,000
Wheat .....	230,722,400
Rye .....	15,365,500
Oats .....	255,743,000
Barley .....	26,718,500
Buckwheat .....	8,328,700
Potatoes .....	120,461,700
Total .....	1,649,237,800

The aggregate number of bushels produced in all the States and Territories in 1870 was 1,743,802,600, showing a decrease in 1871 of 94,564,800 bushels.

MEADOW.

The hay crop of 1871 was as follows :

Acres in hay .....	1,377,876
Tons of hay produced .....	1,526,806
Average tons per acre .....	1.10

Compared with the crop of 1870, we have the following :

Decrease in acres.....	12,646
Decrease in tons of hay produced .....	27,816
Decrease in average tons per acre .....	.01

The crops produced each year, from 1858 to 1871, inclusive, are as follows :

Years.	Acres.	Tons.	Av. tons per acre.
1858 .....	1,357,874	1,806,461	1.33
1859 .....	1,340,672	1,366,055	1.02
1860 .....	1,538,563	2,027,160	1.33
1861 .....	1,461,418	1,708,201	1.16
1862 .....	1,570,252	2,067,280	1.32
1863 .....	1,195,560	1,095,489	.90
1864 .....	1,252,471	1,204,921	.95
1865 .....	1,420,191	1,852,303	1.32
1866 .....	1,410,081	1,839,504	1.30
1867 .....	1,586,704	1,993,405	1.25
1868 .....	1,532,342	1,743,537	1.13
1869 .....	1,488,581	1,784,947	1.19
1870 .....	1,390,522	1,554,622	1.11
1871 .....	1,377,876	1,526,806	1.10
Totals .....	19,923,107	23,572,691	1.18

The following counties produced more than 40,000 tons of hay each in 1870 and 1871 :

Counties.	Tons in 1870.	Tons in 1871.
Trumbull .....	53,726	55,416
Ashtabula .....	53,294	77,241
Cuyahoga .....	42,508	41,469
Lorain .....	41,562	41,356

The ten States growing the greatest number of tons of hay in 1871, are as follows :

No.	States.	Acres.	Tons.
1	New York .....	3,459,836	4,221,000
2	Pennsylvania .....	2,204,301	2,050,000
3	Illinois .....	1,403,053	1,838,000
4	Iowa .....	995,121	1,632,000
5	Ohio .....	1,377,876	1,526,806
6	Wisconsin .....	927,586	1,345,000
7	Michigan .....	919,642	1,030,000
8	Vermont .....	844,117	861,000
9	Indiana .....	694,117	826,000
10	Minnesota .....	513,548	796,000

The whole number of acres in meadow in all the States and territories in 1871, as reported, is 19,009,052 ; number of tons of hay produced 22,239,400. New York leads in this crop, producing nearly one-fifth of the entire amount.

#### FLAX.

The result of the culture of flax, from 1862 to 1871, is given in the following table :

Years.	Acres.	Bushels of seed.	Pounds of fibre.
1862 .....	52,546	392,076	2,738,238
1863 .....	95,170	624,224	3,582,170
1864 .....	65,421	415,266	1,910,710
1865 .....	47,710	245,661	3,146,892
1866 .....	56,727	462,463	6,037,884
1867 .....	98,811	742,307	10,523,876
1868 .....	97,820	620,092	12,032,392
1869 .....	89,073	611,046	18,723,377
1870 .....	61,204	449,378	16,864,378
1871 .....	85,863	733,384	24,477,361

The culture of flax in 1871, resulted as follows :

Number of acres sown.....	85,863
Bushels of seed produced .....	733,384
Pounds of fibre produced .....	24,477,361

Compared with the year 1870 we have the following :

Increase in acres sown.....	24,659
“ bushels of seed produced .....	284,006
“ pounds of fibre produced. ....	7,613,233

#### CLOVER AND SEED.

The statistics of clover and its seed for 1871, are given below :

Acres sown.....	454,099
Tons of hay produced.....	401,415
Bushels of seed produced .....	384,974
Acres plowed under for manure .....	46,998

Compared with the crop of 1870, we have the following :

Increase in acres sown.....	113,659
“ tons of hay .....	17
“ bushels of seed produced .....	17,905
“ acres plowed under for manure.....	12,306

The following table shows the comparison of this crop for eight years :

Years.	Acres sown.	Tons of hay pro- duced.	Bushels of seed produced.	Acres plowed under.
1864 .....	346,457	269,070	105,837	27,398
1865 .....	390,931	359,856	217,391	33,675
1866 .....	251,941	159,670	62,200	30,199
1867 .....	313,520	286,837	137,746	26,881
1868 .....	314,896	254,895	47,635	32,689
1869 .....	401,629	360,268	98,570	36,648
1870 .....	340,440	401,389	367,069	34,692
1871 .....	454,099	401,415	384,974	46,998

#### TOBACCO.

The tobacco crop in 1871 was as follows :

Acres planted.....	28,862
Pounds produced.....	36,177,630
Average pounds per acre.....	1253

Compared with the crop of 1870, we have the following :

Increase in acres planted.....	8,378
“ pounds produced.....	15,120,901
“ average pounds per acre.....	226

This crop shows an increase of 8,823 acres, an increase of 19,263,441 in pounds produced, and an increase of 409 pounds on the average per acre, as compared with the average for the six previous years.

The following table shows the tobacco crops from 1865 to 1871, inclusive:

Year.	Acres planted.	Pounds produced.	Average pounds per acre.
1865 .....	22,398	14,107,823	650
1866 .....	23,281	22,188,693	970
1867 .....	15,788	10,790,575	683
1868 .....	18,035	17,393,198	964
1869 .....	20,251	15,943,116	787
1870 .....	20,484	21,056,729	1027
1871 .....	28,862	36,177,630	1253

The States growing tobacco in 1871 are reported, as follows:

States.	Acres.	Pounds.
Kentucky .....	142,955	103,500,000
Virginia .....	55,627	39,384,000
Ohio .....	28,862	36,177,630
Tennessee .....	30,701	22,750,000
Missouri .....	15,982	13,138,000
Maryland .....	20,106	13,069,000
North Carolina .....	16,026	9,600,000
Indiana .....	11,846	8,316,000
Connecticut .....	4,761	8,094,000
Massachusetts .....	4,770	6,917,000
Illinois .....	8,752	6,398,000
Pennsylvania .....	2,826	3,392,000
New York .....	3,893	2,558,000
West Virginia .....	3,598	2,177,000
Wisconsin .....	950	1,140,000
Arkansas .....	933	778,000
Georgia .....	857	300,000
New Hampshire .....	170	153,000
Iowa .....	100	75,000
Vermont .....	74	70,700
New Jersey .....	35	40,400
South Carolina .....	70	35,000
Total .....	350,769	263,196,100

#### BUTTER AND CHEESE.

The products of the dairy in 1871 were as follows:

Pounds of butter .....	44,994,946
Pounds of cheese .....	32,394,152

Comparing with 1870, the following results are obtained:

Increase in pounds of butter .....	1,974,392
“ “ cheese .....	1,013,114



The comparative products of butter and cheese from 1860 to 1871, inclusive, were as follows :

Year.	Pounds of butter.	Pounds of cheese.
1860 .....	33,440,498	24,816,420
1861 .....	35,442,858	20,637,235
1862 .....	34,065,629	20,752,097
1863 .....	31,121,275	19,130,750
1864 .....	31,141,876	18,097,095
1865 .....	32,450,139	16,947,905
1866 .....	36,344,608	22,197,929
1867 .....	34,833,445	19,985,486
1868 .....	37,005,378	17,814,599
1869 .....	38,783,607	20,520,168
1870 .....	43,020,554	31,381,038
1871 .....	44,994,152	32,394,152
Average .....	36,470,334	22,056,239

The above comparison shows that there were 8,524,612 pounds more butter made and 10,337,913 pounds of cheese manufactured in 1871 than the average for the eleven previous years.

#### SORGHUM.

The products of the sorghum crop in 1871 were reported as follows :

Acres planted.....	23,072
Pounds of sugar produced.....	25,505
Gallons of molasses produced.....	1,817,042
Average gallons per acre.....	78

Comparing with the crop of 1870, we have the following :

Decrease in acres planted.....	378
Increase in pounds of sugar produced.....	3,517
Decrease in gallons of molasses produced.....	370,631
“        average gallons per acre.....	15

The products of sorghum for the last ten years has been as follows :

Year.	Pounds sugar.	Gallons molasses.
1862.....	27,216	2,700,071
1863.....	27,359	2,347,578
1864.....	29,542	2,655,332
1865.....	67,068	3,963,751
1866.....	55,147	4,696,089
1867.....	17,804	1,255,866
1868.....	28,668	2,004,055
1869.....	30,353	1,777,100
1870.....	23,450	2,187,673
1871.....	25,505	1,817,042



## MAPLE SUGAR.

The manufacture of maple sugar and syrup in 1871 was as follows :

Pounds of sugar produced .....	1,832,396
Gallons of syrup .....	271,113

Comparing with 1870, we have a decrease of 371,929 pounds of sugar, and an increase of 14,980 gallons of molasses.

The following is the aggregate maple sugar and syrup crop for the past ten years :

Years.	Pounds sugar.	Gallons syrup.
1862 .....	8,254,187	538,019
1863 .....	6,753,048	444,606
1864 .....	5,210,187	278,347
1865 .....	5,660,002	408,416
1866 .....	5,657,440	393,764
1867 .....	2,733,330	338,752
1868 .....	3,570,932	311,991
1869 .....	3,302,714	398,263
1870 .....	2,204,325	256,133
1871 .....	1,832,396	271,113

## SWEET POTATOES.

The sweet potato crop in 1871 was as follows :

Number of acres planted .....	2,693
Number of bushels produced .....	207,676
Average bushels per acre .....	77

A comparison of this crop with that of 1870 shows the following :

Increase in number of acres planted .....	343
Decrease in number of bushels produced .....	56,523
Decrease in average bushels per acre .....	35

## PASTURAGE.

The sixth return, showing land used for pasturage, gives the following for the year 1871 :

Number of acres in pasture .....	4,242,391
an increase of 137,373 acres over 1870.	

## UNCULTIVATED LANDS.

The number of acres of uncultivated land in Ohio in 1871, was 5,649,121, a decrease of 88,888 acres over the previous year,

## HORSES.

The number of horses listed for taxation in 1872 is as follows :

Number of horses .....	718,157
Value .....	\$46,397,554
Average value .....	\$65 87

A comparison with the previous year shows an increase of 6,808 horses, and a decrease of \$505,235 in value, and of \$0.06 in the average value.

The number and value of horses from 1864 to 1872, inclusive, are as follows :

Years.	Number.	Value.	Average value.
1864.....	690,892	\$39,111,011	\$56.61
1865.....	678,456	42,448,531	62.56
1866.....	683,767	47,490,428	69.45
1867.....	691,861	48,949,100	70.75
1868.....	710,375	48,588,747	68.40
1869.....	764,578	47,961,833	68.07
1870.....	704,664	46,750,127	66.06
1871.....	711,349	46,902,789	65.93
1872.....	718,157	46,397,554	64.60
Average .....	699,333	\$46,066,680	\$65.87

The ten States reporting the greatest number of horses in 1872 are as follows :

No	State.	Number.	Value.	Average value.
1	Illinois .....	1,028,900	\$67,711,909	\$65.81
2	Ohio .....	718,157	46,397,554	65.87
3	Indiana.....	663,600	41,275,140	66.78
4	New York.....	659,300	65,297,072	99.04
5	Texas.....	640,300	21,324,393	33.31
6	Iowa .....	616,000	40,662,160	66.01
7	Pennsylvania .....	546,100	53,069,998	97.18
8	Missouri .....	511,900	27,202,366	53.14
9	Kentucky.....	337,200	23,573,652	69.91
10	Wisconsin .....	328,800	25,051,272	76.19

The whole number of horses in all the States and territories in 1872 is reported 8,890,900.

#### MULES.

The number of mules in 1872, as returned through township assessors, is as follows :

Number of mules .....	22,958
Value of same .....	\$1,589,535
Average value.....	\$69.23

A comparison with the previous year shows the following :

Increase in the number of mules .....	972
Decrease in value of same .....	\$3,848
Decrease in average value .....	\$3.28

The ten States reporting the greatest number of mules in 1872 are as follows :

No.	State.	Number.	Value.	Average value.
1	Alabama .....	101,600	10,752,328	\$105.83
2	Tennessee .....	98,300	9,348,330	95.10
3	Mississippi.....	97,200	11,055,528	113.74
4	Illinois .....	96,900	7,813,047	80.63
5	Georgia .....	90,900	11,088 891	121.99
6	Missouri .....	87,500	6,416,375	73.33
7	Texas .....	87,000	4,205,580	48.34
8	Kentucky .....	83,700	6,562,080	78.40
9	Arkansas .....	76,700	7,467,512	97.36
10	Louisiana.....	76,200	8,881,110	116.55

The whole number of mules in all the States and territories in 1872 is reported 1,276,300.

#### CATTLE.

The number of cattle reported by township assessors in 1872 is as follows :

Number of cattle.....	1,761,623
Value of same .....	\$31,902,348
Average value.....	\$18.10

Comparing with the previous year, we have an increase of 115,183 cattle, a decrease of \$3,740,136 in value, and a decrease of \$3.54 in the average value.

The number of cattle in Ohio for a series of years is as follows :

1861 .....	1,902,772
1862 .....	1,849,155
1863 .....	1,824,774
1864 .....	1,436,990
1865 .....	1,244,327
1866 .....	1,268,698
1867 .....	1,426,115
1868 .....	1,512,666
1869 .....	1,492,581
1870 .....	1,521,421
1871 .....	1,646,440
1872 .....	1,761,623

The ten States reporting the greatest number of cattle in 1872 are as follows :

No.	States.	Number.	Value.	Average value.
1	Texas .....	3,725,800	\$33,805,428	\$10.12
2	New York .....	2,123,100	80,136,546	37.53
3	Illinois .....	1,933,200	51,451,086	27.58
4	Ohio .....	1,761,623	31,902,348	18.10
5	Pennsylvania.....	1,511,700	53,307,352	35.01
6	Iowa.....	1,383,700	33,274,718	24.44
7	Indiana .....	1,194,200	31,606,794	27.26
8	Missouri.....	1,161,000	23,940,131	21.94
9	Michigan .....	806,200	25,856,342	32.45
10	California .....	652,300	19,421,388	32.80

The whole number of cattle in all the States and Territories in 1872 is reported 26,693,300.

#### SHEEP.

The number of sheep listed for taxation in 1872 is as follows :

Number of sheep.....	4,464,898
Value of same.....	\$13,843,810
Average value.....	\$3.10

Comparing with 1871, we have the following result :

Increase in number of sheep.....	161,934
“ value “ .....	\$5,781,111
“ average value.....	\$1.23

The number of sheep reported in a series of years is as follows :

1840 .....	2,028,404
1850 .....	3,942,916
1854 .....	4,845,189
1860 .....	3,468,174
1861 .....	3,934,762
1862 .....	4,448,227
1863 .....	5,560,318
1865 .....	6,305,796
1866 .....	7,039,889
1867 .....	7,555,507
1868 .....	7,688,845
1869 .....	6,272,640
1870 .....	5,052,028
1871 .....	4,302,904
1872 .....	4,464,898

## HOGS.

The number of hogs and value thereof, in 1872, are as follows :

Number of hogs.....	2,315,554
Value of same.....	\$6,663,421
Average value.....	\$2.87

A comparison with the year 1871 shows the following result:

Increase in number of hogs.....	151,151
Decrease in value of same.....	\$2,626,993
Decrease in average value.....	\$1.42

The number of hogs returned for a series of years is given in the following table :

1861 .....	2,242,814
1862 .....	2,571,404
1863 .....	2,765,900
1864 .....	1,616,516
1865 .....	1,455,092
1866 .....	1,817,151
1867 .....	2,058,086
1868 .....	1,812,572
1869 .....	1,455,943
1870 .....	1,720,113
1871 .....	2,164,403
1872 .....	2,315,554

The ten States reporting the greatest number of hogs in 1872 are as follows :

States.	No.	Value.	Average Value.
Illinois .....	3,598,400	\$16,912,480	\$4.70
Iowa .....	3,596,000	17,116,960	4.76
Missonri .....	2,530,000	8,222,500	3.25
Indiana .....	2,489,900	12,275,207	4.93
Ohio .....	2,315,554	6,663,421	2.87
Kentucky.....	2,113,700	7,059,758	3.34
Tennessee.....	1,580,800	5,248,256	3.32
Georgia .....	1,528,900	5,075,948	3.32
Texas .....	1,272,000	3,421,680	6.67
Pennsylvania.....	1,099,900	7,336,333	6.67

The whole number of hogs in all the states and territories in 1872 is reported 31,796,300.

## WOOL.

The returns of the assessors show that the wool clip of 1871 was 16,139,331 pounds, which is 572,190 less than the clip of 1872.

The whole number of pounds of wool clipped in all the States and Territories in 1872 is reported 128,000,000.

#### DOGS AND SHEEP KILLING.

By the enumeration of township assessors we had 185,023 dogs in Ohio in 1871, with acknowledged owners. How many of these dogs were well behaved, during the year, the statistics in the agricultural department do not show. It has transpired, however, that these dogs, or a portion of them, found time, besides performing other rural duties, to kill 39,726 sheep, valued at \$126,874. They also maimed 26,245 sheep to the amount of \$51,043; making an aggregate loss in mutton and wool of \$177,917 for the year. Unless there is a large compensating benefit to be realized, either from the services or society of these dogs, the crop is one that should be extensively discouraged. It is beyond the domain of statistics to prescribe the most effective measures to curtail this unfortunate production; the discussion of the question more properly belongs to the Agricultural Bureau. In the appended tables, the statistics of the yield and destructive qualities of dogs are given in detail. The remedial legislation is in the exclusive control of those severely dogmatic legislators, who report the yearly dog law.

#### AGRICULTURAL TABLES.

Following will be found the statistics of all the important cereals produced in the State in 1871, together with the number of acres of pasturage and uncultivated land in Ohio for the same year; also the live stock statistics of 1872.



*Amount of pasturage and uncultivated land in Ohio in 1871.*

COUNTIES.	PASTURAGE.	UNCULTIVATED LAND.	COUNTIES.	PASTURAGE.	UNCULTIVATED LAND.
	No. acres.	No. acres.		No. acres.	No. acres.
Adams .....	40,693	74,870	Licking .....	121,134	87,405
Allen .....	19,871	71,033	Logan .....	38,800	82,757
Ashland .....	46,646	57,023	Lorain .....	95,277	44,088
Ashtabula .....	118,479	76,910	Lucas .....	9,283	39,524
Athens .....	65,436	86,345	Madison .....	126,709	72,481
Auglaize .....	16,567	75,209	Mahoning .....	61,356	47,330
Belmont .....	81,823	70,618	Marion .....	51,024	50,327
Brown .....	44,031	62,307	Medina .....	65,041	53,652
Butler .....	20,443	40,775	Meigs .....	37,221	63,840
Carroll .....	65,683	49,456	Mercer .....	9,681	88,421
Champaign .....	33,826	50,829	Miami .....	14,458	42,208
Clarke .....	46,370	39,960	Monroe .....	53,253	84,873
Clermont .....	32,989	42,355	Montgomery .....	28,216	53,504
Clinton .....	44,685	52,680	Morgan .....	63,944	62,598
Columbiana .....	68,336	60,306	Morrow .....	53,016	61,678
Coshocton .....	84,472	84,873	Muskingum .....	105,418	89,603
Crawford .....	31,907	55,977	Noble .....	67,572	62,281
Cuyahoga .....	68,750	46,302	Ottawa .....	12,292	39,288
Darke .....	22,370	93,315	Paulding .....	2,230	50,538
Defiance .....	11,739	83,870	Perry .....	75,895	58,330
Delaware .....	52,178	70,880	Pickaway .....	56,520	49,938
Erie .....	24,203	17,415	Pike .....	26,957	64,768
Fairfield .....	53,434	61,728	Portage .....	102,152	62,021
Fayette .....	32,453	28,151	Preble .....	37,766	64,594
Franklin .....	47,458	61,369	Putnam .....	9,010	18,845
Fulton .....	15,309	72,129	Richland .....	40,325	69,852
Gallia .....	49,352	78,211	Ross .....	76,761	115,466
Geauga .....	94,338	44,210	Sandusky .....	19,769	67,980
Greene .....	35,693	49,548	Scioto .....	16,722	85,412
Guernsey .....	96,775	76,663	Seneca .....	33,887	74,086
Hamilton .....	16,434	21,983	Shelby .....	12,082	70,350
Hancock .....	34,196	100,804	Stark .....	44,456	83,686
Hardin .....	23,935	74,257	Summit .....	58,177	48,458
Harrison .....	97,651	53,732	Trumbull .....	119,800	80,051
Henry .....	183	79,291	Tuscarawas .....	70,883	91,210
Highland .....	65,212	80,860	Union .....	52,657	78,793
Hocking .....	48,088	78,700	Van Wert .....	7,706	78,245
Holmes .....	46,500	65,510	Vinton .....	41,712	63,485
Huron .....	62,310	73,961	Warren .....	27,845	47,032
Jackson .....	55,380	66,200	Washington .....	65,867	118,831
Jefferson .....	65,865	54,768	Wayne .....	49,487	79,007
Knox .....	78,413	69,844	Williams .....	17,314	72,343
Lake .....	30,654	22,448	Wood .....	16,162	97,637
Lawrence .....	15,435	.....	Wyandot .....	39,989	54,640
Total .....	.....	.....	.....	4,242,391	5,649,131

*Amount of Wheat, Rye and Buckwheat, by counties, produced in the year 1871.*

COUNTIES.	WHEAT.		RYE.		BUCKWHEAT	
	No. acres.	No. bushels.	No. acres.	No. bushels.	No. acres.	No. bushels.
Adams .....	18,289	107,381	176	1,459	56	515
Allen .....	18,570	274,849	542	9,415	95	1,218
Ashland .....	21,080	339,044	592	7,670	155	1,840
Ashtabula .....	8,117	104,022	89	967	177	2,019
Athens .....	15,535	162,926	144	1,664	137	1,631
Aurghaize .....	18,003	269,634	491	8,152	240	3,210
Belmont .....	20,683	231,125	202	2,051	276	3,474
Brown .....	20,771	197,442	1,342	12,957	75	955
Butler .....	34,318	381,427	147	1,316	111	1,375
Carroll .....	14,133	177,165	762	7,510	267	2,677
Champaign .....	33,551	608,226	166	2,300	52	818
Clarke .....	29,950	475,029	842	11,432	45	554
Clermont .....	15,619	163,519	775	7,486	205	2,332
Clinton .....	19,121	224,867	333	2,962	117½	1,491
Columbiana .....	17,329	257,683	765	8,206	392	3,788
Coshocton .....	25,032	238,990	285	3,181	402	7,494
Crawford .....	20,725	276,205	341	3,904	105	1,279
Cuyahoga .....	3,592	54,318	741	14,185	95	1,552
Darke .....	56,783	663,355	959	15,879	210	2,761
DeLance .....	14,139	210,567	81	1,293	38½	3,526
Delaware .....	14,518	199,249	238	4,218	125	1,239
Erie .....	9,784	170,032	132	2,088	250	3,461
Fairfield .....	38,434	482,063	569	6,519	53	568
Fayette .....	6,761	93,153	935	12,328	15	197
Franklin .....	27,123	437,952	1,496	11,077	94	875
Fulton .....	13,476	274,535	161	2,024	394	5,513
Gallia .....	19,633	149,551	129	967	175	1,152
Geauga .....	2,903	35,829	77	833	61	688
Greene .....	29,615	421,261	593	6,688	29	435
Guernsey .....	15,182	107,229	288	1,867	488	4,722
Hamilton .....	8,615	119,911	1,719	13,752	133	1,999
Hancock .....	22,196	458,536	158	2,220	111	1,779
Hardin .....	14,468	246,315	138	1,843	198	1,371
Harrison .....	12,453	150,111	325	2,880	89½	1,093
Henry .....	12,359	204,256	187	2,980	226	2,679
Highland .....	33,961	251,744	291	1,478	43	325
Hocking .....	14,281	104,490	264	2,204	241	2,499
Holmes .....	21,510	289,060	684	6,730	514	5,405
Huron .....	17,127½	277,298	80	1,027	210	2,847
Jackson .....	10,523	28,516	80	427	118	817
Jefferson .....	11,014	198,827	287	2,988	60	599
Knox .....	22,876	272,890	783	9,015	293	3,165
Lake .....	4,024	53,324	159	1,672	131	1,977
Lawrence .....	9,606	62,363	21	385	32	183
Licking .....	28,737	342,118	729	6,876	125	1,211
Logan .....	22,803	465,889	238	2,960	133	1,888
Lorain .....	22,009	142,435	153	1,825	49	716
Lucas .....	7,373	156,667	172	2,322	287	8,962
Madison .....	6,966	129,511	1,165	20,449	35	377
Mahoning .....	3,274	12,117	364	3,879	135	1,285
Marion .....	15,266	192,262	232	3,557	46	729
Medina .....	8,996	123,050	309	3,941	89	1,276
Meigs .....	15,559	148,827	549	2,937	156	1,678
Mercer .....	21,146	289,082	676	7,091	181	1,895
Miami .....	5,360	598,150	536	6,242	42	71
Monroe .....	14,773	126,299	339	3,399	392	3,438

*Wheat, Rye and Buckwheat produced, by Counties, in the year 1871—Contin'd.*

COUNTIES.	WHEAT.		RYE.		BUCKWHEAT.	
	No. acres.	No. bushels.	No. acres.	No. bushels.	No. acres.	No. bushels.
Montgomery.....	39,095	559,269	754	6,917	47	779
Morgan .....	15,997	151,110	87	685	160	1,918
Morrow .....	11,294	137,623	357	3,908	183	2,453
Muskingum .....	25,270	231,219	299	2,951	212	2,260
Noble .....	14,424	108,459	122	788	145	1,437
Ottawa .....	5,646	106,960	66	1,292	131	1,948
Paulding .....	4,698	61,597	63	954	150	1,772
Perry .....	17,303	172,548	346	2,572	214	1,623
Pickaway .....	28,010	451,820	993	14,245	28	241
Pike .....	8,346 $\frac{1}{2}$	41,573 $\frac{1}{2}$	184	970	117 $\frac{1}{2}$	910
Portage .....	9,392	130,223	421	4,553	101	734
Preble .....	38,548	468,222	137	1,486	67	673
Putnam .....	15,131	256,398	484	8,148	211	2,756
Richland .....	26,057	373,977	924	10,122	332	3,733
Ross .....	26,870	215,059	887	8,614	23	240
Sandusky .....	24,918	418,538	258	4,136	184	2,731
Scioto .....	4,831	42,861	14	69	156	1,160
Seneca .....	42,409	732,849	296	4,116	121	1,252
Shelby .....	28,448	396,566	349	3,564	159	1,526
Stark .....	39,772	659,902	637	8,110	156	1,901
Summit .....	17,083	313,264	448	5,650	106	1,356
Trumbull .....	6,080	82,442	453	5,076	292	2,815
Tuscarawas .....	28,878	349,044	575	5,805	563	4,961
Union .....	14,216	267,900	312	4,994	134	1,616
Van Wert .....	11,463	191,506	820	13,480	196	2,434
Vinton .....	7,663	47,053	48	258	147	1,208
Warren .....	20,275	229,968	156	2,612	199	2,335
Washington .....	22,010	209,921	484	4,871	460	5,137
Wayne .....	33,966	573,025	559	6,982	113	1,537
Williams .....	19,922	354,329	46 $\frac{1}{2}$	614	100	1,362
Wood .....	15,777	269,114	210	3,040	452	6,416
Wyandot .....	20,734	324,228	145	2,361	154	1,760
Totals.....	1,677,659 $\frac{1}{2}$	22,274,378 $\frac{1}{2}$	37,297 $\frac{1}{2}$	428,014	14,972	177,938

*Amount of Oats, Barley and Corn, by Counties, produced in the year 1871.*

COUNTIES.	OATS.		BARLEY.		CORN.	
	No. acres.	No. bushels.	No. acres.	No. bushels.	No. acres.	No. bushels.
Adams.....	10,605	189,359	248	4,356	33,910	932,068
Allen.....	10,221	431,599	189	4,493	27,352	1,055,350
Ashland.....	17,829	686,943	576	14,343	22,381	915,176
Ashtabula.....	7,451	615,892	65	1,210	15,047	604,371
Athens.....	5,370	100,305	17	516	23,977	873,174
Auglaize.....	13,316	473,101	2,031	55,199	29,335	1,021,103
Belmont.....	15,773	474,396	1,300	20,232	28,128	1,317,528
Brown.....	13,956	345,216	1,069	17,010	42,035	1,337,374
Butler.....	9,440	266,318	16,887	400,968	58,723	2,522,690
Carroll.....	15,061	404,276	93	1,983	14,110	596,695
Champaign.....	8,778	332,453	396	12,208	41,302	1,654,675
Clarke.....	7,535	300,511	1,022	27,355	38,198	1,531,459
Clermont.....	19,143	449,694	436	8,408	43,416	1,477,296
Clinton.....	5,791½	113,241	288¾	6,090	57,746	2,450,864
Columbiana.....	18,470	571,400	247	4,130	20,318	731,000
Coshocton.....	14,000	441,890	25	490	34,249	1,365,299
Crawford.....	16,771	698,711	295	7,010	26,829	1,022,548
Cuyahoga.....	13,510	498,403	91	2,095	111,810	532,751
Darke.....	17,112	699,271	3,285	105,584	50,194	1,995,088
DeLance.....	9,092¾	297,003	228¾	6,543	14,399¾	528,468
Delaware.....	7,969	277,349	85	2,452	33,409	1,093,574
Erie.....	10,851	407,152	918	24,286	19,436	669,597
Fairfield.....	12,358	307,227	1,941	53,317	52,074	2,083,754
Fayette.....	1,060	29,855			41,022	1,872,811
Franklin.....	11,333	314,000	578	11,007	64,589	2,129,385
Fulton.....	9,671	354,419	165	5,183	14,797	608,576
Gallia.....	10,076	185,578	2	11	21,566	709,737
Geauga.....	8,694	301,498	36	512	5,984	255,932
Greene.....	5,090	154,459	1,564	41,562	49,029	2,391,841
Guernsey.....	11,150	306,031	115	2,767	26,243	876,264
Hamilton.....	10,336	264,836	4,261	95,233	29,363	1,213,631
Hancock.....	11,906	500,682	298	6,259	36,385	1,552,088
Hardin.....	7,282	311,137	45	954	23,029	891,839
Harrison.....	9,080½	299,855	226½	4,370	17,072	742,662
Henry.....	6,134	227,392	111	3,266	15,554	633,415
Highland.....	9,038	196,268	23	493	57,674	1,947,544
Hocking.....	5,614	98,053	176	3,487	18,933	582,674
Holmes.....	18,030	673,300	342	7,002	21,940	731,900
Huron.....	22,108½	834,777	683½	16,271	28,525¾	1,018,294
Jackson.....	8,758	153,768			18,247	460,971
Jefferson.....	11,761	336,844	859	13,803	15,646	694,891
Knox.....	14,832	532,068	148	3,489	36,616	1,791,229
Lake.....	5,914	211,335	354	8,171	5,876	248,415
Lawrence.....	6,013	108,766			19,367	544,071
Licking.....	14,881	410,101	78	2,252	51,180	1,622,158
Logan.....	9,516	265,144	93	2,653	34,114	1,290,261
Lorain.....	13,738	575,667	1,153	21,392	17,800	725,658
Lucas.....	7,317	277,740	100	3,216	12,822	603,202
Madison.....	3,942	131,439	169	1,670	58,542	2,545,268
Mahoning.....	13,004	398,929	57	1,075	11,734	531,440
Marion.....	11,387	452,340	36	1,099	34,746	1,252,625
Medina.....	14,790	516,417	175	3,049	17,188	540,111
Meigs.....	6,098	116,944	171	3,842	16,193	469,636
Mercer.....	13,295	429,512	858	21,794	26,240	907,715
Miami.....	14,438	562,000	6,992	119,464	46,827	1,781,505
Monroe.....	13,403	311,690	46	719	20,381	728,963
Montgomery.....	13,182	514,138	4,484	135,801	38,751	1,533,967

*Oats, Barley and Corn, by Counties, produced in the year 1871—Continued.*

COUNTIES.	OATS.		BARLEY.		CORN.	
	No. acres.	No. bushels.	No. acres.	No. bushels.	No. acres.	No. bushels.
Morgan .....	5,925	145,267	10	266	20,552	850,391
Morrow .....	12,557	516,139	79	1,054	23,708	742,580
Muskingum .....	11,634	294,380	169	3,593	33,619	1,278,217
Noble .....	8,231	203,868	8	164	23,793	970,672
Ottawa .....	3,298	162,542	225	6,191	7,819	360,138
Paulding .....	3,026	84,045	21	490	7,525	279,577
Perry .....	5,360	129,542	455	12,695	19,494	699,129
Pickaway .....	3,180	77,693	255	7,718	81,947	3,097,957
Pike .....	7,673	126,220	613	7,566	27,614	747,630
Portage .....	12,579	434,943	615	10,413	11,200	587,557
Preble .....	12,535	3-9,660	2 048	52,278	43,266	1,720,119
Putnam .....	6,787	251,992	75	1,574	25,737	1,100,291
Richland .....	24,448	928,842	761	18,849	26,331	931,909
Ross .....	6,365	115,516	664	15,696	76,311	2,522,678
Sandusky .....	15,904	557,585	509	13,298	24,069	1,009,739
Scioto .....	9,385	160,726	805	15,279	35,710	867,545
Seneca .....	20,550	801,790	234	6,227	24,658	1,205,924
Shelby .....	15,919	571,222	1,401	39,940	29,561	1,125,938
Stark .....	23,798	928,685	4,932	107,122	26,494	1,345,277
Summit .....	13,974	510,215	1,322	23,660	14,349	839,992
Trumbull .....	13,918	474,392	7	93	12,869	658,778
Tuscarawas .....	23,562	717,784	289	6,313	23,104	938,204
Union .....	9,643	313,299	77	2,095	38,600	1,361,966
Van Wert .....	7,745	285,231	102	2,421	19,529	839,786
Vinton .....	2,963	71,059	6	55	13,758	396,515
Warren .....	12,168	306,733	8,164	232,477	49,208	2,136,382
Washington .....	12,291	231,099			26,351	892,494
Wayne .....	25,016	942,010	913	16,587	29,325	1,275,050
Williams .....	12,351	424,453	73	1,185	19,076	718,143
Wood .....	14,736	501,549	164	5,117	36,597	1,346,374
Wyandot .....	8,453	357,160	88	2,337	24,640	953,527
Totals .....	1,000,122½	32,696,127	81,252½	1,941,240	2,682,165½	98,363,060



*Amount of Meadow and Clover, by Counties, for the year 1871.*

COUNTIES.	MEADOW.		CLOVER.			
	No. acres.	Tons hay.	Acres.	Tons hay.	Bushels seed.	Acres plowed under for mamre.
Adams.....	7,524	5,758	2,758	641	1,608	262
Allen.....	12,095	12,355	6,896	5,575	11,438	254
Ashland.....	18,372	20,851	13,101	12,902	11,911	122
Ashtabula.....	50,104	77,241	771	841	141	67
Athens.....	13,166	11,026	660	565	224	127
Auglaize.....	8,719	9,455	4,324	4,845	7,667	80
Belmont.....	21,323	24,317	2,821	2,889	2,483	169
Brown.....	10,689	8,764	3,780	748	74	631
Butler.....	7,644	8,053	7,780	999	167	12,601
Carroll.....	18,060	15,820	3,847	3,821	3,792	357
Champaign.....	10,798	12,506	2,717	2,338	3,018	335
Clarke.....	12,166	15,280	4,125	3,188	1,842	756
Clermont.....	17,458	15,049	3,295	951	118	497
Clinton.....	10,179	10,172	1,819	923	1,119	181
Columbiana.....	25,464	27,582	9,476	9,677	8,079	165
Coshocton.....	18,171	18,836	3,329	2,048	2,559	451
Crawford.....	14,297	20,441	12,265	15,916	13,779	251
Cuyahoga.....	37,327	41,469	476	637	.....	29
Darke.....	8,295	9,475	11,895	5,089	3,612	2,377
DeLancey.....	7,529 <sup>1</sup>	8,417	7,820	7,881 <sup>1</sup>	7,166 <sup>1</sup>	573
Delaware.....	23,171	25,148	2,870	3,404	2,291	60
Eric.....	11,325	12,669	3,247	2,472	4,478	567
Fairfield.....	11,961	13,442	8,258	4,403	6,085	1,383
Fayette.....	4,534	4,897	872	147	319	15
Franklin.....	17,774	19,046	2,736	1,695	1,239	592
Fulton.....	12,539	15,642	8,879	19,342	8,764	322
Gallia.....	10,787	9,549	1,719	465	90	192
Geauga.....	35,119	37,577	229	334	10	2
Greene.....	8,275	9,432	5,738	1,834	347	1,552
Heinsey.....	23,518	22,572	1,375	1,289	1,194	32
Hamilton.....	10,447	11,206	2,383	1,716	47	254
Hancock.....	13,982	18,078	12,045	12,424	24,633	268
Hardin.....	11,929	14,013	4,339	2,791	5,122	116
Harrison.....	22,872	27,739	1,753	1,847	1,282	20
Henry.....	6,468	8,646	4,091	4,969	6,168	384
Highland.....	11,323	10,005	2,391	863	553	133
Hocking.....	9,269	7,579	2,798	1,148	1,068	38
Holmes.....	13,460	17,169	9,887	9,278	7,729	191
Huron.....	27,659	32,280	8,225	10,558	11,158	818
Jackson.....	13,518	10,992	655	167	67	20
Jefferson.....	19,164	20,435	2,988	2,716	2,605	75
Knox.....	21,660	24,144	6,601	5,674	4,668	178
Lake.....	14,346	16,702	1,324	1,293	389	92
Lawrence.....	3,688	4,237	3,366	449	7	161
Licking.....	27,911	25,780	3,377	2,168	1,697	141
Logan.....	12,951	15,250	6,134	4,799	5,481	337
Lorain.....	38,939	41,356	949	1,255	1,289	14
Lucas.....	11,123	15,691	3,737	12,852	3,643	319
Madison.....	13,781	14,563	298	170	4	7
Mahoning.....	29,964	32,305	4,449	4,811	4,932	119
Marion.....	17,172	21,805	4,664	4,878	8,449	115
Medina.....	32,798	36,060	5,660	5,079	9,786	41
Meigs.....	16,272	19,024	891	385	66	319
Mercer.....	7,502	10,722	1,932	4,834	4,447	277
Miami.....	6,457	7,419	5,949	2,734	2,428	2,018
Mourree.....	11,495	13,291	2,588	2,214	2,500	62



*Amount of Meadow and Clover, by Counties, for the year 1871—Continued.*

COUNTIES.	MEADOW.		CLOVER.			
	No. acres.	Tons hay.	Acres.	Tons hay.	Bushels seed.	Acres plowed under for manure.
Montgomery .....	9,320	9,822	18,582	5,177	2,918	4,797
Morgan .....	12,927	12,188	2,587	2,046	1,620	96
Morrow .....	22,730	29,362	6,337	6,897	9,407	265
Muskingum .....	25,672	23,209	2,983	2,226	1,385	44
Noble .....	15,665	15,320	2,500	1,694	806	123
Ottawa .....	6,306	9,733	1,518	2,489	2,876	47
Paulding .....	3,600	5,478	1,299	1,591	1,242	145
Perry .....	15,902	17,164	1,521	965	883	50
Pickaway .....	8,124	8,017	3,665	1,017	1,866	298
Pike .....	5,719 <sup>1</sup>	4,098 <sup>1</sup>	686	172 <sup>1</sup>	53 <sup>1</sup>	20
Portage .....	36,851	37,922	3,514	4,109	1,940	45
Preble .....	4,211	4,035	9,361	2,264	1,285	1,504
Putnam .....	8,682	19,967	4,127	4,487	7,641	369
Richland .....	17,458	22,113	15,635	14,092	14,020	676
Ross .....	7,168	5,467	6,500	838	350	398
Sandusky .....	4,279	11,622	11,019	14,105	11,316	395
Scioto .....	923	8,013	951	374	15	202
Seneca .....	17,626	21,747	17,567	19,264	17,646	655
Shelby .....	7,976	8,575	3,315	2,725	2,299	399
Stark .....	15,151	17,442	22,652	26,528	13,723	1,059
Summit .....	21,249	22,429	7,820	8,272	5,590	113
Trumbull .....	50,871	55,416	743	1,068	126	85
Tuscarawas .....	20,029	26,216	3,314	9,209	11,153	159
Union .....	19,159	21,061	1,305	1,644	1,137	60
Van Wert .....	8,391	11,093	3,041	3,949	4,937	211
Vinton .....	10,269	7,415	589	171	51	35
Warren .....	9,222	9,199	4,115	1,512	227	1,268
Washington .....	17,283	14,710	2,367	1,808	954	261
Wayne .....	15,678	19,120	22,365	24,504	19,021	393
Williams .....	9,143	10,437	12,013	13,494	10,018	205
Wood .....	14,976	17,997	5,863	7,009	11,595	267
Wyandot .....	14,911	17,533	5,271	5,434	8,407	211
Totals .....	1,377,876	1,526,206	454,092	401,415 <sup>1</sup>	384,974	46,998

*Amount of Flax and Potatoes, by counties, produced in the State in 1871.*

COUNTIES.	FLAX.			POTATOES.	
	No. acres.	No. bushels seed.	No. pounds fibre.	No. acres.	No. bushels.
Adams .....	6	22	600	350	19,110
Allen .....	2,431	23,032	169,100	857	62,867
Ashland .....	2,460	28,932	708,209	1,141	109,445
Ashtabula .....	241	2,173	265,218	2,802	351,267
Athens .....				960	70,603
Auglaize .....	558	5,360	8,500	747	51,021
Belmont .....	1	14½	260	1,029	122,283
Brown .....	7	38	104	650	42,121
Butler .....	690	5,651	105	1,077	48,577
Carroll .....	100	818	93	510	66,989
Champaign .....	194	2,249	13,900	561	56,235
Clarke .....	1,427	14,587	593,560	842	64,598
Clermont .....	473	3,152	24,945	3,768	201,284
Clinton .....	3,424	21,310	319,800	805	49,258
Columbiana .....	1,687	17,547	1,282,554	1,206	148,386
Coshocton .....	8	74		963	94,646
Crawford .....	602	6,683	16,000	1,184	113,970
Cuyahoga .....				3,949	382,439
Darke .....	2,249	25,257	23,366	1,247	110,627
Defiance .....	825½	6,523	204,950	597	42,379
Delaware .....	4,359	42,768	3,431,922	894	64,691
Erie .....				1,817	211,511
Fairfield .....	5	41	640	1,076	93,022
Fayette .....	299	3,185	173,200	246	20,354
Franklin .....	103	811	360	2,681	180,168
Fulton .....	365	3,841	55,200	835	70,276
Gallia .....	24	1	216	953	69,224
Geauga .....	233	2,454	52,560	1,346	152,265
Greene .....	4,222	37,998	1,640,434	699	59,807
Guernsey .....	2	8	125	653	68,050
Hamilton .....	35	210		3,774	232,304
Hancock .....	5,968	35,197	734,970	1,032	94,106
Hardin .....	593	4,156	48,100	714	60,132
Harrison .....	1½	18	1,000	463	58,595
Henry .....	88	972	37,680	745	67,407
Highland .....	21½	250	125	703	45,812
Hocking .....	96	206	609	730	44,994
Holmes .....	7	66	6,200	707	80,020
Huron .....	113	1,310	3,000	1,492	151,290
Jackson .....				492	32,154
Jefferson .....				730	76,154
Knox .....	1,491	15,771	218,046	1,000	78,675
Lake .....	18	205	7,000	3,761	403,139
Lawrence .....	4	16	345	344	2,838
Licking .....	235	3,322	58,800	1,214	92,453
Logan .....	691	5,673	89,840	628	64,044
Lorain .....	28	1,452	67,532	1,711	195,901
Lucas .....	119	1,097	45,167	1,852	204,293
Madison .....	599	5,520	302,300	363	23,309
Mahoning .....	2,516	26,622	1,913,572	1,057	122,629
Marion .....	675	5,753	69,800	1,000	59,599
Medina .....	1,254	14,890	542,595	1,035	115,603
Meigs .....				1,443	107,399
Mercer .....	2,492	22,925	6,900	689	32,441
Miami .....	3,033	33,083	283,898	1,507	68,655
Monroe .....	1	9	185	902	76,448
Montgomery .....	3,364	31,347	730,249	1,695	94,169

*Flax and Potatoes produced in the State in 1871—Continued.*

COUNTIES.	FLAX.			POTATOES.	
	No. acres.	No. bushels seed.	No. pounds fibre.	No. acres.	No. bushels.
Morgan .....	8½	5	100	667	52,879
Morrow .....	4,373	38,818	1,183,530	797	61,395
Muskingum .....	18	182	150	1,290	86,307
Noble .....			14	603	50,125
Ottawa .....				703	65,397
Paulding .....	182	1,371	1,732	292	19,474
Perry .....	57	188	290	1,183	60,075
Pickaway .....				640	42,410
Pike .....	8½	44	595	533	32,798
Portage .....	2,453	27,226	2,293,925	2,230	259,922
Preble .....	2,072	17,951	324,163	590	55,973
Putnam .....	444	4,122	2,350	750	61,461
Richland .....	7,383	7,564	103,400	1,571	133,952
Ross .....	13½	71	127	1,028	59,636
Sandusky .....		56		1,755	185,298
Scioto .....	6	5		640	61,638
Seneca .....	172	1,589		1,281	133,119
Shelby .....	1,772	17,519	472,482	722	55,362
Stark .....	1,176	12,641	1,085,790	1,645	180,135
Summit .....	36	410	31,000	1,374	159,600
Trumbull .....	2,595	23,892	1,831,051	1,525	185,016
Tuscarawas .....	170	1,691	150	965	104,842
Union .....	1,505	11,474	491,849	674	49,900
Van Wert .....	1,480	14,786	4,646	562	42,510
Vinton .....	7	21	305	489	30,023
Warren .....	3,325	27,420	303,173	1,472	74,410
Washington .....	2	43	2,020	2,241	179,453
Wayne .....	2,055	23,468	1,498,778	1,518	168,208
Williams .....	3,193	29,504	486,600	511½	35,071
Wood .....	839	6,594	105,309	1,390	122,517
Wyandot .....	101	850	28	796	64,251
Totals .....	85,863	733,384½	24,477,361	100,630½	8,755,193

*Amount of Tobacco, Butter, Cheese and Sorghum, by Counties, produced in Ohio in 1871.*

COUNTIES.	TOBACCO.		BUTTER.	CHEESE.	SORGHUM.		
	Acres planted.	Pounds produced.	No. pouces.	No. pounds.	No. acres.	No. pounds sugar.	No. gallons syrup.
Adams.....	108	113,658	311,238	1,550	246	.....	25,980
Allen.....	3	1,489	473,311	1,223	211	21	15,928
Ashland.....		2,100	658,857	8,6798	523	8	2,929
Ashtabula.....	29	48,277	928,168	4,133,333	.....	.....	41
Athens.....	157	182,420	467,722	1,777	368	6,761	30,927
Anglaize.....	41	10,410	200,632	4,556	461	92	20,635
Belmont.....	1,386	1,311,671	750,540	1,677	397	.....	45,232
Brown.....	3,251	2,828,422	459,744	3,230	551	410	16,415
Butler.....	493	89,989	404,377	2,547	193	82	15,986
Carroll.....	.....	.....	578,257	150	75	25	6,979
Champaign.....	8	1,461	402,351	158,581	147	164	16,885
Clarke.....	553	59,881	431,129	1,290	188	20	15,234
Clermont.....	1,417	1,251,227	427,657	825	658	218	53,903
Clinton.....	189	15,420	385,954	811,673	355	850	32,438
Columbiana.....	.....	127	727,007	62,426	763	508	6,132
Coshocton.....	12	1,524	672,043	26,066	332	50	25,382
Crawford.....	2	2,187	544,125	1,465	69	111	5,383
Cuyahoga.....	1	729	883,682	2,112,966	4	13	441
Darke.....	1,835	31,583	625,911	350	839	39	53,921
Deane.....	116	71,525	417,437	6,377	334	.....	21,469
Delaware.....	1	1,370	529,997	3,790	209	.....	15,537
Eric.....	.....	.....	332,187	93,457	36	81	3,672
Fairfield.....	17	7,733	609,315	252	598	137	29,244
Fayette.....	.....	10	240,187	493	443	65	6,090
Franklin.....	16	1,800	210,678	1,197	460	81	27,287
Fulton.....	.....	47	547,086	367,207	160	.....	9,062
Gallia.....	44	22,477	371,342	16,381	789	.....	50,619
Geauga.....	.....	.....	595,929	5,695,764	.....	.....	.....
Greene.....	637	765,711	287,221	502	210	.....	19,963
Guernsey.....	363	79,934	589,835	3,319	478	2,562	33,122
Hamilton.....	7	67	417,383	3,125	262	117	5,802
Hancock.....	2	32	721,773	1,880	169	74	12,931
Hardin.....	1	877	344,235	1,280	112	877	9,191
Harrison.....	169	11,237	697,414	3,045	1753	.....	17,565
Henry.....	21	6,670	253,310	12,670	187	.....	18,536
Highland.....	163	5,872	453,451	3,022	487	20	44,424
Hocking.....	423	34,881	351,961	2,884	398	115	34,930
Holmes.....	5	3,500	506,480	18,588	128	150	11,170
Huron.....	2	28	972,744	367,187	89	178	6,711
Jackson.....	9	4,958	274,698	6,105	422	.....	33,148
Jefferson.....	.....	180	414,812	1,120	1153	1,281	10,901
Knox.....	12	5,210	654,717	5,265	91	.....	6,182
Lake.....	10	18,950	276,137	332,530	3	.....	267
Lawrence.....	34	30,621	183,022	910	817	.....	60,108
Licking.....	4	1,027	803,337	9,988	377	521	22,556
Logan.....	3	1,883	499,070	9,700	211	665	15,785
Lorain.....	17	7,147	1,630,550	5,436,650	76	491	14,688
Lucas.....	193	18,330	288,830	13,450	723	315	4,118
Madison.....	12	677	225,390	51,619	112	53	7,772
Mahoning.....	2	60	634,183	56,450	32	540	2,909
Marion.....	47	988	394,982	2,850	863	148	5,908
Medina.....	199	239,490	937,723	3,004,892	82	62	653
Meigs.....	2	206	357,562	15,111	475	547	39,035
Mercer.....	10	6,036	311,463	3,182	336	.....	24,490
Miami.....	711	778,014	418,289	4,210	2763	1073	21,383
Monroe.....	2,859	2,614,408	444,570	414,993	6143	.....	63,291

*Amount of Tobacco, Butter, Cheese and Sorghum, by Counties, produced in Ohio in 1871—Continued.*

COUNTIES.	TOBACCO.		BUTTER.	CHEESE.	SORGHUM.		
	Acres planted.	Pounds produced.	No. pounds.	No. pounds	No. acres.	No. pounds sugar.	No. gallons syrup.
Montgomery.....	8,150	10,892,487	552,124	750	324	.....	35,984
Morgan.....	568 $\frac{1}{2}$	500,217	478,129	4,883	324	20	40,351
Morrow.....	9	500	640,177	10,101	186	241	7,620
Muskingum.....	7 $\frac{1}{2}$	3,226	742,548	435	478	20	44,950
Noble.....	2,341	2,526,022	482,805	10,768	558	355	52,147
Ottawa.....	1 $\frac{1}{2}$	990	177,360	1,749	88	56	5,214
Paulding.....	4	2,020	132,398	170	196	.....	16,478
Perry.....	42	38,980	503,510	760	239	134	20,958
Pickaway.....	2 $\frac{1}{2}$	170	335,471	3,210	141 $\frac{1}{2}$	38	13,403
Pike.....	47	27,433	163,559	442	380	.....	27,136
Portage.....	10 $\frac{1}{2}$	1,790	997,693	3,208,334	$\frac{1}{2}$	1,740	95
Preble.....	1,692	1,823,235	458,079	740	292	85	51,033
Putnam.....	5 $\frac{1}{2}$	3,440	387,551	1,579	275	.....	23,732
Richland.....	3 $\frac{1}{2}$	2,550	734,131	18,890	57	37	5,110
Ross.....	7 $\frac{1}{2}$	4,466	330,742	6,843	331 $\frac{1}{2}$	345	22,387
Sandusky.....	3	2,400	522,511	48,390	153	20	13,144
Scioto.....	11	4,905	202,015	441	481	284	31,761
Seneca.....	$\frac{1}{2}$	500	733,076	2,490	767	.....	14,206
Shelby.....	293 $\frac{1}{2}$	297,159	308,987	355	359	.....	20,653
Stark.....	10	10,400	966,798	72,981	20	32	1,781
Summit.....	11 $\frac{1}{2}$	3,430	785,651	1,283,302	11 $\frac{1}{2}$	37	545
Trumbull.....	6	340	880,699	4,161,622	17	339	1,124
Tuscarawas.....	4 $\frac{1}{2}$	1,040	712,163	146,203	132 $\frac{1}{2}$	.....	17,033
Union.....	.....	.....	411,327	20,874	189	.....	17,767
Van Wert.....	33	35,320	279,883	50,864	249	.....	21,666
Vinton.....	42	39,224	226,322	575	382	.....	32,668
Warren.....	1,363	2,004,237	450,564	2,568	561	456	19,308
Washington.....	1,576	1,417,531	639,981	24,591	728	.....	71,823
Wayne.....	314	553,321	965,712	148,683	28 $\frac{1}{2}$	41 $\frac{1}{2}$	2,691
Williams.....	8 $\frac{1}{2}$	5,865	572,694	12,013	149 $\frac{1}{2}$	.....	13,658
Wood.....	3	132	612,547	2,872	192	75	19,209
Wyandot.....	4	1,960	401,506	1,090	86	.....	5,403
Totals.....	22,802 $\frac{1}{2}$	36,177,630	44,994,946	32,301,152	33,072 $\frac{1}{2}$	33,505 $\frac{1}{2}$	1,817,042



*Number of Pounds of Wool, number of Dogs, number of Sheep Killed, number Injured, Value of same, by counties, in 1871.*

COUNTIES.	WOOL.	DOGS.	SHEEP KILLED.		SHEEP INJURED.		Aggregate amount of injury to sheep by dogs.
	Pounds shorn.	Total number.	No	Value.	No.	Estimate of injury done.	
Adams.....	37,053	2,028	224	\$161	43	\$74	\$535
Allen.....	94,397	1,883	374	1,128	300	247	1,373
Ashland.....	254,996	1,967	267	943	182	390	1,339
Ashtabula.....	122,178	1,400	366	1,568	245	554	2,122
Athens.....	149,290	1,932	344	2,568	141	310	2,878
Auglaize.....	62,338	2,145	216	598	159	277	875
Belmont.....	579,713	2,720	806	2,954	495	1,449	4,403
Brown.....	44,969	2,662	435	1,346	112	240	1,592
Butler.....	20,744	1,740	289	1,188	66	148	1,336
Carroll.....	480,532	1,537	403	2,979	167	380	3,359
Champaign.....	158,998	1,930	349	1,307	417	1,280	2,585
Clarke.....	227,928	2,412	590	2,162	403	950	3,118
Clermont.....	30,210	2,781	372	1,223	171	384	1,607
Clinton.....	104,618	2,074	580	1,611	607	1,142	2,763
Columbiana.....	535,752	2,241	557	2,190	382	1,120	3,316
Coshocton.....	410,131	2,514	517	2,119	267	517	2,636
Crawford.....	220,258	2,502	412	1,169	546	1,065	2,234
Cuyahoga.....	95,917	3,805	226	1,039	180	342	1,411
Darke.....	40,587	3,725	513	1,187	291	287	1,472
Defiance.....	72,331	1,220	537	525	141	340	847
Delaware.....	357,492	2,097	581	1,769	1,931	1,151	2,919
Erie.....	127,598	710	350	1,577	420	610	2,185
Fairfield.....	129,323	4,267	585	1,888	417	1,072	2,950
Fayette.....	51,368	1,141	184	563	62	112	676
Franklin.....	112,638	3,329	762	3,015	247	348	3,363
Fulton.....	101,049	1,351	190	532	60	114	676
Gallia.....	46,304	2,704	603	1,288	120	170	1,458
Geauga.....	62,142	940	121	608	71	206	814
Greene.....	102,613	1,979	398	1,138	357	466	1,904
Guernsey.....	590,404	2,024	509	2,730	768	2,463	5,199
Hamilton.....	8,407	2,060	144	517	48	90	620
Hancock.....	150,726	2,678	450	1,554	374	550	2,104
Hardin.....	107,795	1,497	592	1,220	252	699	1,925
Harrison.....	803,136	1,934	337	1,576	356	912	2,488
Henry.....	38,595	1,577	174	497	117	130	633
Highland.....	52,307	2,812	590	1,607	180	287	1,892
Hocking.....	86,046	2,467	398	1,142	165	402	1,544
Holmes.....	190,630	1,757	424	1,418	168	428	1,846
Huron.....	328,817	1,603	455	1,710	319	738	2,445
Jackson.....	137,112	2,122	504	1,020	119	132	1,152
Jefferson.....	612,167	1,576	911	2,769	532	2,100	4,869
Knox.....	564,038	2,121	527	1,642	528	1,114	2,756
Lake.....	63,246	398	132	417	68	179	626
Lawrence.....	12,771	2,717	418	700	27	37	743
Licking.....	905,228	3,014	813	2,987	930	2,100	5,055
Logan.....	146,014	2,229	520	1,744	344	1,064	2,863
Lorain.....	203,983	1,712	497	1,580	430	657	2,241
Lucas.....	34,324	1,169	237	780	96	242	1,022
Madison.....	286,290	1,364	483	2,724	1,018	813	3,866
Mahoning.....	258,643	1,852	304	1,118	268	674	1,792
Marion.....	256,419	1,812	471	1,692	306	508	2,200
Medina.....	204,429	1,669	130	562	112	326	888
Meigs.....	46,455	2,341	373	920	76	145	1,065
Mercer.....	57,190	2,319	442	1,029	51	86	1,115
Miami.....	32,303	2,121	446	532	136	261	2,343
Monroe.....	102,915	2,984	550	1,147	95	188	1,685



*Pounds of Wool, number of Dogs, Sheep Killed and Injured, etc., by Counties—Continued.*

COUNTIES.	WOOL.	DOGS.	SHEEP KILLED.		SHEEP INJURED.		Aggregate amount of injury to sheep by dogs.
	Pounds shorn.	Total number	No.	Value.	No.	Estimate of injury done.	
Montgomery .....	12,488	3,630	300	\$1,072	79	\$126	\$1,151
Morgan .....	218,620	2,224	437	1,559	547	707	2,566
Morrow .....	426,877	1,801	616	2,267	391	1,145	3,412
Muskingum .....	510,441	2,458	1,017	3,150	1,160	1,349	4,499
Noble .....	191,648	1,990	484	1,495	225	355	1,850
Ottawa .....	57,074	746	132	298	42	76	374
Panlding .....	17,454	818	193	479	38	44	523
Perry .....	285,358	2,065	613	1,850	355	1,164	3,014
Pickaway .....	57,661	3,861	354	1,107	182	423	1,530
Pike .....	26,280	2,097	254	551	47	44	595
Portage .....	160,850	1,558	210	637	148	325	960
Preble .....	30,247	2,374	271	784	262	114	864
Putnam .....	63,632	2,017	316	933	72	715	1,048
Richland .....	242,787	1,924	857	2,834	588	1,094	3,844
Ross .....	52,025	2,803	460	1,322	78	163	1,485
Sandusky .....	102,080	1,852	316	1,047	67	194	1,239
Scioto .....	15,932	2,578	634	1,094	67	110	1,204
Seneca .....	287,736	2,518	422	1,414	332	755	2,169
Shelby .....	61,013	2,427	190	564	70	111	75
Stark .....	236,837	3,368	990	2,922	746	1,358	4,241
Summit .....	121,834	1,503	252	890	186	474	1,463
Trembll .....	151,748	1,823	554	2,302	397	724	3,026
Tuscarawas .....	376,479	2,906	1,470	2,671	1,154	1,607	4,278
Union .....	264,269	1,622	504	1,572	198	403	1,976
Van Wert .....	52,268	1,818	331	844	73	120	964
Vinton .....	66,088	1,250	339	900	89	164	1,064
Warren .....	44,784	2,027	698	1,465	193	816	2,279
Washington .....	160,960	3,940	785	2,024	602	457	2,481
Wayne .....	218,781	.....	696	2,610	474	997	3,608
Williams .....	86,127	1,747	270	803	170	277	1,080
Wood .....	100,075	2,038	376	1,431	163	371	1,802
Wyandot .....	291,016	1,131	292	981	217	710	1,682
Totals .....	16,139,331	185,023	39,726	\$126,874	26,245	\$51,043	\$177,918

*Live Stock in Ohio, as returned to Auditor of State for Taxation in the Spring of 1872.*

COUNTIES.	HORSES.		CATTLE.	
	No.	Value.	No.	Value.
Adams .....	6,685	\$366,188	13,891	\$196,986
Allen .....	7,740	397,821	18,494	204,442
Ashland .....	8,259	539,720	23,428	354,886
Ashtabula .....	9,072	488,277	42,810	820,386
Athens .....	6,084	250,988	16,977	266,490
Auglaize .....	7,761	339,082	15,228	185,493
Belmont .....	10,648	821,148	21,907	501,691
Brown .....	8,663	707,839	15,980	270,039
Butler .....	10,899	819,410	16,880	346,568
Carroll .....	4,943	361,916	13,446	197,097
Champaign .....	9,065	717,533	17,761	497,061
Clarke .....	8,570	672,381	16,935	429,573
Clement .....	9,024	579,546	13,395	272,396
Clinton .....	9,552	639,729	16,923	333,783
Columbiana .....	9, 25	608,819	21,171	465,280
Coshocton .....	8,333	623,049	22,470	391,988
Crawford .....	8,489	557,625	21,183	217,251
Cuyahoga .....	13,216	909,840	27,170	566,598
Darke .....	11,719	769,490	25,824	390,463
Deane .....	5,151	258,729	14,459	150,239
Delaware .....	8,994	697,781	19,255	279,193
Elis .....	6,075	359,158	11,778	189,065
Fairfield .....	10,525	694,121	24,783	491,291
Fayette .....	8,657	771,128	18,770	576,023
Franklin .....	11,611	988,703	23,691	561,251
Fulton .....	5,890	287,596	17,916	187,163
Gallia .....	6,215	377,311	16,334	275,351
Genaga .....	4,883	311,110	31,016	527,867
Greene .....	10,192	778,435	17,886	425,835
Guernsey .....	7,333	489,437	18,172	310,563
Hamilton .....	12,637	1,416,217	13,557	576,911
Hancock .....	9,975	472,201	25,813	305,965
Hardin .....	6,710	396,339	11,937	225,298
Harrison .....	5,811	412,786	15,478	291,772
Henry .....	4,326	174,596	11,243	113,231
Highland .....	10,608	626,918	20,722	429,820
Hocking .....	4,883	282,498	13,263	191,083
Holmes .....	6,880	276,821	17,187	296,917
Huron .....	9,921	557,139	28,429	484,507
Jackson .....	4,720	251,935	14,675	232,956
Jefferson .....	6,135	598,698	15,122	391,131
Knox .....	10,420	622,034	22,888	337,491
Lake .....	4,689	219,492	12,637	267,173
Lawrence .....	4,766	233,111	14,112	280,177
Licking .....	12,878	838,472	28,696	583,497
Logan .....	8,670	519,847	20,877	416,235
Lorain .....	9,582	593,270	37,862	745,197
Lucas .....	5,332	295,297	10,125	149,586
Madison .....	7,353	482,280	20,046	611,370
Malheur .....	8,218	555,781	23,805	575,478
Marion .....	7,295	514,162	17,586	466,508
Medina .....	8,161	505,895	30,485	595,778
Meigs .....	5,704	355,765	14,958	281,120
Mercury .....	6,651	274,063	14,875	150,330
Miami .....	9,536	767,442	16,100	331,131
Monroe .....	6,680	396,697	29,209	329,327
Montgomery .....	12,952	1,067,852	19,445	372,825
Morgan .....	6,971	418,355	18,691	302,961

*Live Stock in Ohio, etc.—Continued.*

COUNTIES.	HORSES.		CATTLE.	
	No.	Value.	No.	Value.
Morrow .....	8,309	\$553,272	20,404	\$355,580
Muskingum .....	12,002	772,232	32,084	562,516
Noble .....	6,170	447,683	20,978	319,432
Ottawa .....	3,710	213,505	8,286	120,569
Paulding .....	2,810	139,476	7,218	85,613
Perry .....	5,787	289,872	18,712	226,188
Pickaway .....	10,346	662,658	23,188	613,421
Pike .....	5,023	310,930	9,660	177,907
Portage .....	7,903	522,833	35,881	870,785
Preble .....	8,499	683,920	16,057	323,747
Putnam .....	6,008	291,613	17,000	199,469
Richland .....	9,685	737,252	22,504	367,594
Ross .....	11,693	792,125	23,497	574,947
Sandusky .....	8,283	476,413	18,446	255,660
Scioto .....	5,471	363,593	13,079	233,950
Seneca .....	10,447	636,978	23,118	271,405
Shelby .....	7,511	500,211	13,629	231,994
Stark .....	13,140	959,106	34,756	540,589
Summit .....	8,009	594,688	27,863	510,551
Trumbull .....	9,393	638,769	42,610	881,675
Tuscarawas .....	9,280	578,894	27,238	347,362
Union .....	7,972	557,825	15,932	391,876
Van Wert .....	5,523	295,578	14,323	190,478
Vinton .....	3,675	203,316	10,597	178,872
Warren .....	9,477	715,013	15,127	342,947
Washington .....	8,480	518,085	22,637	262,700
Wayne .....	11,709	817,911	33,965	451,769
Williams .....	7,184	352,357	18,065	193,017
Wood .....	8,164	433,049	20,576	258,237
Wyandot .....	7,140	383,792	15,358	293,261
Totals .....	718,157	\$46,367,554	1,761,633	\$31,962,378

*Live Stock in Ohio, as returned to Auditor of State for taxation through Township Assessors in the Spring of 1872.*

COUNTIES.	MULES, ETC.		SHEEP.		HOGS.	
	No.	Value.	No.	Value.	No.	Value.
Adams.....	477	\$22,492	12,159	\$27,096	27,993	\$56,417
Allen.....	181	8,397	32,251	65,456	35,223	54,412
Ashland.....	105	7,297	61,163	185,047	25,424	67,404
Ashtabula.....	90	5,362	30,000	82,026	5,603	18,184
Athens.....	129	8,070	43,960	113,446	16,537	45,420
Auglaize.....	222	11,163	19,986	40,464	31,197	63,801
Belmont.....	267	23,514	157,159	553,298	26,162	77,037
Brown.....	567	16,642	15,329	42,991	39,454	107,019
Butler.....	539	49,304	5,488	20,895	41,856	180,149
Carroll.....	91	6,541	124,784	364,460	8,989	23,221
Champaign.....	222	19,485	39,806	185,652	33,483	130,261
Clarke.....	412	35,975	52,739	220,955	33,805	118,212
Clermont.....	882	65,863	10,383	31,451	32,073	86,006
Clinton.....	563	34,713	29,344	97,645	62,852	202,128
Columbiana.....	181	13,645	132,082	404,700	15,312	41,921
Coshocton.....	180	12,541	120,798	419,579	25,535	81,434
Crawford.....	120	8,105	68,330	213,210	34,040	83,718
Cuyahoga.....	259	17,520	24,220	68,998	7,193	22,924
Darke.....	322	25,006	16,677	50,183	51,616	143,465
Delaware.....	62	3,405	18,357	35,176	17,255	27,513
Delaware.....	178	10,845	95,078	325,990	29,657	83,692
Eric.....	55	3,421	33,202	81,641	11,203	20,958
Fairfield.....	287	17,718	31,022	82,151	48,517	149,915
Fayette.....	513	39,205	30,771	99,490	74,667	291,742
Franklin.....	568	32,536	32,733	117,489	55,477	183,982
Fulton.....	111	4,155	30,438	48,694	19,446	26,913
Gallia.....	419	28,787	17,967	42,953	16,192	34,446
Genaga.....	93	6,439	17,777	51,908	3,561	12,351
Greene.....	422	28,020	40,567	149,477	52,191	202,974
Guernsey.....	175	11,135	158,060	485,151	14,038	47,352
Hamilton.....	1,304	109,137	3,399	10,362	34,640	136,465
Hancock.....	138	7,165	52,742	148,492	43,727	102,963
Hardin.....	256	11,236	37,291	83,665	24,616	50,941
Harrison.....	153	9,945	209,972	703,780	11,064	40,150
Henry.....	117	5,160	11,247	20,180	13,027	21,969
Highland.....	943	49,499	15,874	37,416	55,328	155,471
Hocking.....	197	12,560	25,003	62,746	15,746	38,145
Holmes.....	120	6,360	56,241	164,963	23,489	58,997
Huron.....	102	5,626	84,747	176,255	19,818	39,329
Jackson.....	517	34,601	12,788	19,998	11,664	22,479
Jefferson.....	117	9,279	162,733	568,852	12,423	39,993
Knox.....	297	13,558	131,273	412,993	28,150	69,043
Lake.....	45	3,265	19,810	65,527	2,248	8,889
Lawrence.....	632	52,035	7,689	11,473	15,970	33,943
Licking.....	178	13,270	225,049	856,254	35,983	111,558
Logan.....	364	22,436	45,095	136,089	34,692	84,546
Lorain.....	105	5,885	60,177	188,424	11,982	36,624
Lucas.....	105	4,819	9,788	14,811	9,390	16,349
Madison.....	290	21,059	97,466	404,696	47,860	156,208
Mahoning.....	219	15,095	64,626	226,375	10,289	35,048
Marion.....	103	8,405	83,045	36,928	29,213	84,734
Medina.....	53	3,280	56,159	169,301	10,629	32,186
Meigs.....	381	23,271	17,940	49,894	12,905	32,379
Mercer.....	196	7,105	17,000	34,602	31,382	48,233
Miami.....	293	25,655	10,733	29,750	39,290	113,880
Monroe.....	136	9,125	32,523	84,208	16,847	42,454

*Live Stock in Ohio, etc.—Continued.*

COUNTIES.	MULES, ETC.		SHEEP.		HOGS.	
	No.	Value.	No.	Value.	No.	Value.
Montgomery .....	256	\$23,005	5,110	\$13,025	37,853	\$139,163
Morgan .....	129	9,855	63,547	199,750	17,494	52,880
Morrow .....	107	8,175	111,769	381,843	19,095	54,504
Muskingum .....	219	16,685	139,633	439,290	27,920	87,252
Noble .....	133	8,755	53,650	161,580	20,288	57,162
Ottawa .....	46	2,089	18,676	40,923	11,743	22,897
Paulding .....	75	3,960	5,672	11,750	8,757	10,256
Perry .....	88	4,955	64,740	148,155	15,042	37,888
Pickaway .....	517	41,820	21,776	56,757	69,108	257,687
Pike .....	356	26,355	8,462	22,782	19,789	55,258
Portage .....	97	6,362	41,345	127,678	7,394	24,062
Preble .....	182	17,560	8,208	31,117	45,861	189,679
Putnam .....	168	7,916	19,061	49,603	26,568	59,831
Richland .....	230	17,596	69,274	240,773	28,632	79,572
Ross .....	470	39,745	15,512	47,853	61,508	206,370
Sandusky .....	134	7,714	37,852	81,515	24,250	45,792
Scioto .....	688	63,792	7,718	14,520	17,901	49,756
Seneca .....	111	6,586	79,942	237,070	36,124	82,760
Shelby .....	168	11,645	21,469	63,709	25,882	74,081
Stark .....	216	17,570	71,053	193,874	34,992	91,800
Summit .....	147	13,319	29,784	76,682	12,956	34,082
Trumbull .....	262	18,791	37,745	128,858	7,321	25,652
Tuscarawas .....	219	13,495	103,793	266,386	12,815	55,382
Union .....	306	18,035	78,087	315,861	30,496	86,972
Van Wert .....	160	7,765	17,290	40,159	26,106	44,208
Vinton .....	335	21,872	17,577	51,726	8,501	18,012
Warren .....	295	25,740	13,374	48,301	40,470	156,228
Washington .....	208	14,708	42,225	116,812	17,159	46,833
Wayne .....	214	16,680	58,878	177,244	34,045	83,891
Williams .....	104	4,850	26,374	54,801	24,408	38,382
Wood .....	144	9,001	24,675	37,941	24,268	38,202
Wyandot .....	112	6,755	85,650	262,750	24,822	56,940
	22,958	\$1,589,535	4,464,898	\$13,813,810	2,315,554	\$6,663,421



## HORTICULTURE.

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The valuable summary on the Ohio fruit crop of 1872 is contributed to this report by Hon. M. B. Bateham, of Painesville, Secretary of the Ohio Horticultural Society.

### THE FRUIT CROP OF 1872.

The orchard products of the State were unusually abundant the past season—more so, in fact, than was on the whole desirable. It is the habit with apple trees generally to bear a full crop one season, then a light one the next; and for many years it has been the rule for the orchards of about one-half of the State to alternate with those of the other portions in their seasons of bearing and of failure. In this way the aggregate yield of fruit has been only about half the amount of a full crop, but enough for all ordinary purposes, and the surplus of one section found a market in supplying the lack of another.

But the crop was so generally abundant the past season as to yield a large surplus in nearly all parts of the State, and, the same also being the case in the neighboring States, there was no shipping nor home demand for the fruit excepting at low prices and where transportation was the most convenient and cheap. In the northern parts of the State severe winds caused much of the fruit to fall before gathering, and then the horse disease interfered with the shipping and with making the fruit into cider, so that a large portion of the crop was left to rot upon the ground.

It is probable that this general full crop of the apple orchards of the State will, for a few years at least, interrupt the previous order of alternation, so that we shall be likely to have several years of general failure alternating with seasons of superabundance. Natural causes will, however, no doubt in a few years restore the former order of things. Severe winter or untimely frosts will destroy the crop in some sections, and not in others, thus allowing the trees their season of needed rest; and young orchards that were not exhausted by a heavy crop the past year, may bear a crop the coming season and afterwards alternately with the old



ones. Something can also be done for a home supply, by picking off the young fruit from a few trees in a season of prospective abundance, so as give the trees rest and growth and thereby induce them to bear a crop the following season.

PEARS.—There is quite a perceptible increase of this fruit each year throughout the State, and the time is probably not far distant when the supply will be abundant in all the markets. The only serious obstacle in the culture of pears is the destruction of the trees from *blight*, which is quite serious in most orchards; and yet, in view of the profits of the crop, the losses from this cause are not sufficient to check planting, which has been going on quite extensively for several years past.

QUINCES are not an article of extensive consumption, compared with other fruits, but the demand has heretofore been greater than the supply, and the high price of the fruit has stimulated planting so that in a few years the supply is likely to be more abundant. There has been perceptible increase for two or three years past.

THE PEACH CROP, as is not unusual, was a failure in many parts of the State, owing to the killing of the buds by the winter. In some sections, however, both north and south, there was a fair crop, and in the north-eastern section, especially near the lake shore, the crop was an excessive one, and the quality of the fruit was injured by the overbearing of the trees. This, and the perishable nature of the fruit, with the high rates of express transportation, rendered it difficult for the growers to find sale for the surplus at remunerative prices, although it was much wanted by the people in destitute regions.

PLUMS.—The failure of this fruit has been so general in past years, owing to the ravages of the *cureulio*, that few people were disposed to plant the trees, and no considerable orchards of it were to be found in the State. But for the past two or three years it has been noticed that the mischief by this insect has been less than formerly, and good crops of plums have been repeatedly produced in some localities. Considerable planting of the trees has been going on, some being in orchards of several thousand trees each, for the markets, and there is ground for the hope that this fruit will be in better supply, if not abundant, a few years hence.

CHERRIES.—The finer kinds of this fruit are not found generally reliable in the central and southern parts of the State; and at the north, where the crop has commonly been good as to yield, the loss of the fruit by rot-

ting has been so great as to discourage growers. The past season, however, showed less injury than usual from this cause, and the yield of all kinds was quite abundant.

THE BERRY CROPS.—Strawberry plants were injured by the dronth of the summer of 1871 in most parts of the State, and also by the winter following in many localities, so that the yield of this fruit was not as plentiful as usual. Raspberries of the best kinds were also injured by the winter in some sections, but as a whole the crop was a fair one, and the markets well supplied, at least with the black-cap varieties. Blackberries gave a full crop, and were plentiful in most of the markets. Currants are suffering great damage by the ravages of the currant worm upon the foliage.

THE GRAPE CROP was not a full one, though there was a fair supply for table use in most parts of the State, and much wine was also made. The extensive Catawba vineyards of the Lake Shore and the Islands did not yield one-half as much fruit as in 1871; but the crop of that year was an excessive one, and the vines were injured by overbearing, and also somewhat by the severe cold in winter, so that a short crop was the natural result. The following statistics of shipments of grapes from the eastern section of Erie county were given by Hon. Z. Phillips at the recent annual meeting of the State Horticultural Society, and will show the comparative yield of the two past seasons:

	1871.	1872.
Shipped from Berlin Station.....	650,000 lbs.	450,000 lbs.
“ “ Townsend Station.....	880,000 “	350,000 “

And of wine grapes, one firm in Vermillion township, which sold eighty tons in 1871, sold only forty tons in 1872. Another sold fifteen tons in 1871 and nine tons in 1872.

GRAPES AND WINE.

The following statistics, compiled from the returns made by the assessors to county auditors, show the culture and crop of the grape in 1871:

Acres planted .....	907
Acres in vineyard .....	11,219
Pounds of grapes gathered.....	19,292,980
Gallons of wine pressed .....	1,031,923

This is the largest crop ever gathered in the State, and, compared with that of 1870, shows an increase of 103 in acres planted, 329 in acres in vineyard, 3,439,261 in pounds of grapes gathered, and a decrease of 1,545,984 in gallons of wine pressed.

The counties producing over one million pounds of grapes are as follows :

Ottawa .....	5,605,688
Erie .....	4,628,436
Cuyahoga.....	2,529,655
Lorain.....	1,551,199
Total.....	14,314,978

These counties produced about seventy-five per cent. of the crop gathered in 1871.

The following table shows the grape crop, as officially returned to this bureau, for the last seven years :

Year.	Acres planted.	Acres in vineyard.	Pounds of grapes gathered.	Gallons of wine pressed.
1865.....	1,308	5,666	2,487,607	237,008
1866.....	2,975	7,462	1,469,467	153,159
1867.....	3,100	7,304	5,526,227	290,929
1868.....	2,357	7,574	2,937,737	143,767
1869.....	1,276	10,477	3,794,899	155,535
1870.....	804	10,890	15,853,719	2,577,907
1871.....	907	11,219	19,292,980	1,031,923

#### ORCHARDS.

The number of acres in orchards and the number of bushels of apples, peaches and pears in the State, in 1871, were reported as follows :

Acres in orchards .....	383,647
Bushels of apples gathered .....	10,437,437
“ peaches “ .....	860,530
“ pears “ .....	126,932

Comparing with 1870, we have an increase of 6,350 acres in orchards, 550,891 bushels of peaches, 59,885 bushels of pears, and a decrease of 575,145 bushels of apples.

The following table shows the acres in orchards and crop reported for the years 1868, 1869, 1870 and 1871 :

	1868.	1869.	1870.	1871.
Acres in orchards .....	342,212	346,826	377,297	383,647
Bushels apples produced ...	11,637,515	15,518,685	11,012,582	10,437,437
“ peaches “ .....	599,499	1,444,523	309,639	860,530
“ pears “ .....	66,712	147,022	67,047	126,982

The counties producing more than 200,000 bushels of apples in 1871 are as follows :

Richland .....	368,272
Wayne .....	350,034
Huron .....	307,990
Seneca .....	282,302
Holmes .....	280,758
Ashland .....	276,378
Washington .....	268,289
Stark .....	245,718
Crawford .....	233,758
Knox .....	226,855
Fulton .....	210,207
Williams .....	206,351
Medina .....	202,000

The counties producing more than 20,000 bushels of peaches in 1871 are as follows :

Clermont .....	54,618
Muskingum .....	39,795
Warren .....	37,277
Highland .....	33,393
Ross .....	32,829
Sandusky .....	29,672
Tuscarawas .....	27,148
Fairfield .....	23,859
Coshocton .....	22,181
Washington .....	21,735
Hocking .....	21,535
Erie .....	21,170
Morgan .....	21,050
Holmes .....	21,430

These counties show nearly one-half of the crop reported.

The ten counties producing the greatest number of bushels of pears in 1871 are as follows :

Henry .....	10,279
Hamilton.....	6,829
Montgomery .....	6,460
Belmont.....	4,030
Wayne .....	3,833
Warren .....	3,748
Muskingum .....	3,706
Clermont .....	3,306
Cuyahoga .....	2,669
Huron.....	2,592

Following will be found the amount of sweet potatoes produced, the number of acres in orchard, and the fruit produced in the State in 1871 ; also the amount of maple sugar produced in 1872, and the grape and wine crop of 1871 :

*Amount of Sweet Potatoes and number of acres in Orchards, and Fruit produced in the State in 1871.*

COUNTIES.	SWEET POTATOES.		ORCHARDS.			
	No. acres.	No. bushels.	No. acres.	Apples.	Peaches.	Pears.
				No. bushels	No. bush- els.	No. bushels.
Adams .....	93	3,856	3,635	43,217	19,709	1,022
Allen .....	22	3,335	4,047	167,949	50	77
Ashland .....	10 $\frac{3}{4}$	614	4,446	276,378	12,617	1,446
Ashtabula .....	14	33	4,902	111,109	4,331	600
Athens .....	13 $\frac{1}{2}$	1,495	5,225	64,286	10,765	244
Auglaize .....	28	332	2,442	71,802	21	153
Belmont .....	119	3,342	5,575	84,393	12,111	4,032
Brown .....	64 $\frac{1}{2}$	3,921	3,838	82,498	4,907	1,273
Butler .....	1 $\frac{1}{2}$	3,399	4,867	116,094	15,441	2,616
Carroll .....	14	240	4,017	124,558	11,739	480
Champaign .....	65 $\frac{1}{2}$	1,861	3,298	150,923	2,385	1,263
Clarke .....	94	5,961	3,162	94,017	5,234	1,593
Clermont .....	140 $\frac{3}{4}$	16,438	10,524	156,992	54,618	3,306
Clinton .....	11 $\frac{1}{2}$	5,472	3,981	60,014	5,631	1,346
Columbiana .....	10 $\frac{1}{2}$	700	6,902	155,488	15,058	1,308
Coshocton .....	18	1,089	5,120	154,696	22,181	796
Crawford .....	8	970	4,496	233,758	662	737
Cuyahoga .....	69	934	5,922	153,115	5,626	2,669
Darke .....	61 $\frac{1}{2}$	6,042	4,935	122,816	155	1,398
Defiance .....	4	753 $\frac{1}{2}$	2,611	91,535	891	771
Delaware .....	6 $\frac{1}{4}$	237	4,014	50,364	406	325
Erie .....	59 $\frac{3}{4}$	1,047	3,044	159,851	21,170	1,487
Fairfield .....	13 $\frac{1}{2}$	5,737	5,367	108,614	23,859	1,309
Fayette .....	37	1,094	1,150	24,819	2,251	690
Franklin .....	213	2,787	4,819	60,700	3,196	814
Fulton .....	26 $\frac{3}{8}$	1,653	4,307	210,207	4,550	690
Gallia .....	37	2,506	4,536	55,534	12,071	2,151
Geauga .....	8	5	4,044	85,934	740	1,207
Greene .....	172	3,091	3,102	74,314	6,922	2,068
Guernsey .....	23 $\frac{1}{2}$	680	4,982	45,171	18,517	599
Hamilton .....	48 $\frac{3}{4}$	11,649	4,862	151,869	13,663	6,829
Hancock .....	4	1,934	5,283	182,665	3,442	1,253
Hardin .....	9	267	2,914	96,459	257	637
Harrison .....	59	455	4,143	65,281	17,122	1,695
Henry .....	24 $\frac{1}{8}$	672	2,518	40,101	1,887	10,279
Highland .....	40	5,113	5,018	92,901	33,393	2,088
Hoeking .....	2	2,259	3,676	55,014	21,535	642
Holmes .....	11	1,740	4,570	280,758	20,430	1,970
Huron .....	2	442	6,345 $\frac{1}{2}$	307,990	8,131	2,592
Jackson .....	13	1,192	3,400	18,706	5,474	55
Jefferson .....	3	513	4,106	86,147	8,497	1,374
Knox .....	41	802	5,242	226,855	13,490	822
Lake .....	8 $\frac{1}{2}$	57	2,421	74,714	5,592	439
Lawrence .....	35	2,072	3,356	55,686	6,609	695
Licking .....	13	590	6,263	177,422	12,775	1,607
Logan .....	2	2,180	4,110	178,019	469	1,431
Lorain .....	10 $\frac{5}{8}$	1,580	5,743	185,861	8,897	1,594
Lucas .....	1 $\frac{1}{2}$	519	3,425	90,403	3,806	554
Madison .....	21 $\frac{1}{2}$	154	2,128	54,447	1,876	706
Mahoning .....	14 $\frac{1}{2}$	290	4,212	90,283	1,806	2,236
Marion .....	11 $\frac{1}{2}$	544	4,410	84,181	470	440
Medina .....	28 $\frac{3}{8}$	195	4,610	202,009	4,537	2,402
Meigs .....	28 $\frac{3}{8}$	2,687	4,659	84,281	9,055	545



*Amount of Sweet Potatoes, etc.—Continued.*

POTATOES.	SWEET POTATOES.		ORCHARDS.			
	No. acres.	No. bushels.	No. acres.	Apples.	Peaches.	Pears.
				No. bushels.	No. bush- els.	No. bushels.
Mercer .....	16	835	2,532	51,032	52	220
Miami .....	34 $\frac{3}{4}$	2,915	4,121	111,939	390	968
Monroe .....	3 $\frac{3}{4}$	464	5,291	171,146	6,759	495
Montgomery .....	135	13,266	5,507	192,354	7,611	6,460
Morgan .....	66	6,553	4,146	119,437	21,050	1,849
Morrow .....	2 $\frac{3}{8}$	465	5,150	136,882	2,388	581
Muskingum .....	76	6,320	6,337	91,611	39,795	3,706
Noble .....	15 $\frac{1}{4}$	893	4,012	91,501	16,552	780
Ottawa .....	4 $\frac{3}{4}$	238	1,383	29,245	2,423	672
Paulding .....	4	158	811	12,403	4	43
Perry .....	24	1,960	4,663	90,675	14,465	1,440
Pickaway .....	34	2,210	3,042	43,302	8,743	1,648
Pike .....	9 $\frac{1}{4}$	704	2,470	15,415	17,026	281
Portage .....	$\frac{1}{2}$	98	5,659	16,651	3,370	1,270
Preble .....	36	3,696	3,492	141,851	1,780	2,008
Putnam .....	14	465	2,342	26,696	371	259
Richland .....	6	648	5,759	368,272	9,409	1,853
Ross .....	58 $\frac{1}{2}$	2,237	5,168	42,770	32,829	1,182
Sandusky .....	10 $\frac{1}{4}$	1,483	5,217	104,151	29,672	515
Scioto .....	62 $\frac{3}{4}$	3,758	3,161	19,820	6,457	153
Seneca .....	15	1,472	5,947	282,302	2,376	2,555
Shelby .....	7 $\frac{1}{2}$	845	2,778	92,260	12	203
Stark .....	12	1,295	6,500	245,718	5,305	2,580
Summit .....	1 $\frac{1}{2}$	160	4,511	168,195	11,865	1,869
Trumbull .....	4	348	4,891	100,950	2,272	712
Tuscarawas .....	15	1,476	5,961	199,711	27,148	1,015
Union .....	2	132	3,262	60,712	158	372
Van Wert .....	10	367	2,492	11,781	21	109
Vinton .....	7 $\frac{1}{2}$	738	2,611	9,182	8,808	160
Warren .....	200	19,956	6,835	121,346	37,277	3,748
Washington .....	117	10,738	8,954	268,289	21,735	500
Wayne .....	9 $\frac{1}{2}$	1,385	6,503	350,034	11,814	3,833
Williams .....	15	1,205	4,202	206,351	268	314
Wood .....	11	276	3,836	49,611	6,787	1,061
Wyandot .....	15	278	3,347	123,714	2,721	673
Total .....	2,693 $\frac{1}{4}$	207,676 $\frac{1}{2}$	383,647 $\frac{3}{4}$	10,437,437	860,530	126,982

*Amount of Maple Sugar made in 1872, Grapes and Wine produced in 1871.*

COUNTIES.	MAPLE SUGAR.		GRAPES AND WINE.			
	No. pounds.	No. gallons syrup.	Aeres planted in the year 1871.	Whole No. of acres in the vineyard.	Pounds of grapes gathered in the year 1871.	Gallons wine pressed in 1871.
Adams .....	11,008	4,741	.....	50	6,805	5,233
Allen .....	4,816	872	.....	.....	495	2,887
Ashland .....	57,583	7,265	4 $\frac{1}{4}$	53 $\frac{3}{4}$	176,946	3,499
Ashtabula .....	181,342	2,746	.....	141	234,500	4,508
Athens .....	10,777	1,535	5 $\frac{1}{2}$	113 $\frac{1}{2}$	5,238	94
Anglaize .....	2,563	421	.....	4 $\frac{1}{2}$	2,370	566
Belmont .....	450	786	65 $\frac{1}{2}$	1,020 $\frac{1}{2}$	612,520	26,264
Brown .....	2,526	2,225	12	368	9,595	2,579
Butler .....	1,211	8,705	16	37	31,541	7,083
Carroll .....	1,474	223	4	3	21,270	1,956
Champaign .....	11,786	5,678	.....	2	12,490	233
Clarke .....	1,151	548	5	7 $\frac{1}{8}$	4,490	128
Clermont .....	745	2,520	68	598	35,506	10,464
Clinton .....	32,077	8,228	6 $\frac{1}{2}$	17 34-100	6,455	6 $\frac{1}{2}$
Columbiana .....	9,367	4,388	3 $\frac{1}{2}$	75 $\frac{3}{8}$	113,150	639
Coshocton .....	1,205	387	.....	23 $\frac{3}{8}$	18,461	2,375
Crawford .....	2,281	555	2	3	10,111	1,044
Cuyahoga .....	42,221	2,046	54 $\frac{1}{2}$	924	2,529,655	67,541
Darke .....	6,053	9,840	.....	1 $\frac{3}{4}$	8,800	678
Defiance .....	5,583	191	.....	.....	5,365	536
Delaware .....	23,161	7,126	1	4	12,040	321
Erie .....	6,185	274	21 $\frac{1}{2}$	1,722 $\frac{1}{8}$	4,628,436	28,320
Fairfield .....	8,088	4,560	20 $\frac{1}{2}$	181	169,370	13,194
Fayette .....	356	600	.....	.....	2,150	36
Franklin .....	2,398	1,940	6	101	14,625	1,625
Fulton .....	480	39	$\frac{1}{8}$	$\frac{1}{4}$	4,365	435
Gallia .....	7,122	959	6 $\frac{1}{2}$	2	6,000	274
Geauga .....	310,520	3,302	.....	21	51,500	749
Greene .....	23,939	6,803	7	1	9,555	105
Guernsey .....	408	519	15	25	59,010	2,055
Hamilton .....	293	1,983	94	357	213,461	18,626
Hancock .....	21,264	2,101	.....	12 $\frac{1}{8}$	7,992	82
Hardin .....	12,504	1,889	$\frac{1}{2}$	21	7,265	33
Harrison .....	282	781	1	5	6,167	545
Henry .....	95	420	.....	$\frac{3}{4}$	1,190	461
Highland .....	11,296	4,185	5	17	3,520	1,086
Hocking .....	3,319	989	47 $\frac{3}{4}$	61 $\frac{1}{2}$	1,720	73
Holmes .....	2,470	540	13	549	42,660	4,439
Huron .....	23,819	2,485	16 $\frac{1}{2}$	13	93,800	2,028
Jackson .....	533	159	3 1-6	$\frac{7}{8}$	1,740	10
Jefferson .....	231	690	.....	39	36,580	110
Knox .....	21,796	5,639	14	22	16,350	290
Lake .....	45,767	1,604	4	109	946,400	4,176
Lawrence .....	2,039	170	.....	3	155	.....
Licking .....	11,567	5,493	17 $\frac{1}{8}$	27 5-6	32,495	3,333
Logan .....	169,220	8,078	1	20	14,420	154
Lorain .....	30,290	2,032	16	679	1,551,199	27,028
Lucas .....	1,030	341	14 $\frac{3}{4}$	987 $\frac{7}{8}$	286,797	188,695
Madison .....	1,000	115	.....	$\frac{1}{4}$	600	84
Mahoning .....	40,069	11,083	2 $\frac{1}{2}$	17 $\frac{1}{2}$	43,570	763
Marion .....	2,625	369	$\frac{1}{8}$	$\frac{1}{4}$	8,105	53
Medina .....	87,094	6,893	5 15-16	6 7-24	36,223	410
Meigs .....	3,594	865	4 $\frac{1}{2}$	8	2,906	224
Mercer .....	4,297	471	.....	6	3,995	738

*Maple Sugar made in 1872, Grapes and Wine produced in 1871—Continued.*

COUNTIES.	MAPLE SUGAR.		GRAPES AND WINE.			
	No. pounds.	No. gallons syrup.	Acres planted in the year 1871.	Whole No. of acres in the vineyard.	Pounds of grapes gath- ered in the year 1871.	Gallons wine pressed in 1871.
Miami.....	9,922	8,202	21 $\frac{3}{8}$	4	9,065	6
Monroe.....	4,774	527	$\frac{1}{2}$	55 $\frac{1}{2}$	15,225	6,809
Montgomery.....	15,965	13,741	1	72	252,018	5,971
Morgan.....	936	497	5	11	20,900	700
Morrow.....	34,577	6,534	2 $\frac{1}{2}$	13	29,103	769
Muskingum.....	541	1,385	10	81 $\frac{1}{2}$	100,165	5,175
Noble.....	1,353	317	3 $\frac{1}{4}$	11 $\frac{1}{2}$	11,307	1,492
Ottawa.....	100	59	112 $\frac{1}{2}$	1,563	5,605,688	245,545
Paulding.....	1,167	57	-----	-----	2,201	-----
Perry.....	10,830	4,792	38	103	86,569	4,212
Pickaway.....	2,497	2,193	3	44	-----	1,538
Pike.....	10,813	3,232	7 $\frac{7}{8}$	23 $\frac{3}{4}$	6,530	1,296
Portage.....	139,654	24,202	14 1-16	22 $\frac{7}{8}$	77,056	433
Preble.....	5,357	6,497	-----	-----	3,905	117
Putnam.....	3,542	479	-----	$\frac{3}{4}$	2,396	52
Richland.....	26,583	6,792	101 $\frac{1}{2}$	30 $\frac{3}{4}$	95,990	298
Ross.....	11,605	8,621	35 $\frac{1}{2}$	154 $\frac{1}{2}$	122,947	6,488
Sandusky.....	2,951	826	6	42	121,530	8,957
Scioto.....	2,392	227	-----	54 $\frac{1}{8}$	3,240	467
Seneca.....	8,752	1,103	8 $\frac{3}{4}$	23 $\frac{1}{2}$	32,842	2,320
Shelby.....	1,070	865	-----	-----	485	47
Stark.....	13,025	3,726	1	19	80,373	485
Summit.....	22,150	2,088	1 $\frac{1}{2}$	34 $\frac{1}{2}$	69,779	940
Trumbull.....	90,162	7,802	-----	11	10,426	-----
Tuscarawas.....	1,827	669	8	57	68,891	6,301
Union.....	81,622	4,586	-----	-----	5,525	47
Van Wert.....	906	99	-----	2	1,535	17
Vinton.....	8,301	1,231	13 $\frac{1}{2}$	127	98,322	16,501
Warren.....	26,085	5,077	19	28	20,300	15,426
Washington.....	2,935	1,188	11	43	32,521	2,508
Wayne.....	13,733	2,636	5	58 $\frac{1}{2}$	35,159	757
Williams.....	5,496	630	-----	2	10,817	295
Wood.....	2,255	950	2	113	65,522	3,339
Wyandot.....	2,314	556	-----	13	25,733	653
Totals.....	1,832,396	271,113	907	11,219 $\frac{1}{2}$	19,292,980	1,031,923 $\frac{1}{2}$

THE WATER SUPPLY OF SOUTHWESTERN OHIO, AS CONNECTED WITH ITS GEOLOGICAL STRUCTURE.

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BY EDWARD ORTON, A. M.

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*Gen. I. R. Sherwood, Secretary of State :*

DEAR SIR : In answer to your request for some contribution to the annual volume on statistics published under your supervision, I beg leave to transmit the following inadequate discussion of a very important subject :

The water supply of any region is one of the most important points in its physical geography. The amount and nature of its vegetation—which in turn control the amount and nature of the animal life by which it is tenanted—depend largely on this element—while its adaptability and desirability for human habitation, and especially the kinds of industry by which men sustain themselves upon it—are intimately connected with the quantity and quality of this supply.

Southwestern Ohio, or that portion of the State included between lines drawn due west and due south from Columbus, belonging, as it does, to the central region of the Mississippi valley, shares in the generous and well-adjusted rain-fall of this great basin. The average annual precipitation for this district may safely be taken at 40 inches. But while it is pre-eminently a well-watered region, there are still wide differences in its various sub-divisions as to the disposition that is made of its ample rain-fall—differences that depend primarily upon the various geological structure of such sub divisions. In other words, the quality, the availability and the permanence of the water supply of southwestern Ohio, so far as it subserves human uses, is most closely connected with its geological structure. To show the grounds on which this statement rests, and especially to deduce from the discussion certain practical conclusions, is the object aimed at in the following pages.

The geological structure of southwestern of Ohio—so far as its bedded rocks are concerned—is indicated in the following diagram :

7	Waverly Sandstone.
6	Huron Shale.
5	Corniferous Limestone.
4	Helderberg Limestone.
3	Niagara Group.
2	Clinton Limestone.
1	Cincinnati Group.

The Cincinnati Group, or Blue Limestone series, occupies a half dozen counties in the southwestern corner of the State. The four limestones that succeed this group are often classed together under one common designation, viz: the *Cliff Limestone*. Of them, the Niagara Group occupies the widest area, and is in every way the most noticeable formation. The Huron Shale and Waverly Sandstone are found only in the southwestern corner of the district.

Over all these various rock-formations are spread—through a large part of its area at least—the deposits of the Glacial and Modified Drift. These drift beds affect the water supply even more noticeably than the bedded rocks, and deserve a prominent place in the discussion. They occur sometimes in sheets so thin as not to obscure perceptibly the underlying rock, and sometimes in heavy beds that allow no exposure of the rocky floor for hundreds of square miles. They, too, have a general order of succession—not as regular, it is true, as the scale of the stratified rocks already given—but still definite and unmistakable in its main features. The Drift series embraces the following elements :

3.	Yellow clay ; gravel, sand, etc. Pervious beds. The water filter of the drift.
2.	Forest bed or buried soil ; sometimes an ochre bed.
1.	Blue glacial clay, or hard-pan. The water-bearer of the drift.



Before considering the different sub-divisions of this portion of the State in detail, it will be well to call attention to a few obvious principles that largely determine the disposition of the rain-fall, whether received upon drift beds or on the surface of the rocky strata.

1. Much depends on the inclination of the surface. A steep slope parts rapidly with its supply—no matter what the nature of its surface be—while a level tract tends to retain and economize the rain-fall.

2. The rain-fall is arrested and turned outward by the first impervious stratum that it meets in its descent. The location, then, of such a stratum in the series, is a point of prime importance. If the surface itself is an impervious bed, it gives rise in level tracts to swamps, and in broken regions to more than usual erosion, but it can never be said to furnish the water-supply of a region. When the water carrying stratum lies at a moderate depth, the most favorable conditions for a profitable supply obtain.

3. The nature of the pervious beds through which the rain fall sinks before reaching the water bearer, determines the kind and amount of impurity which the water holds. Rain water, as every one knows, is almost entirely free from mineral impurities. It holds in solution small volumes of the gases that occur in the atmosphere and nothing besides. But when it passes through a bed of rock, clay or gravel, it dissolves these substances in varying proportions. The most frequent and generally the most abundant of these sources of impurity is carbonate of lime, for lime is everywhere diffused and easily dissolved. In addition, it may be said that it affects less unfavorably the character of the water that dissolves it, than most other mineral substances. Many compounds of potash, soda, magnesia, iron and other elements are quite readily dissolved, and thus find their way freely into the underground circulation.

We can now turn to consider the most general divisions that can be made of the surface of South-western Ohio, in connection with this subject. These divisions, we find three in number:

1. The first district embraces those areas in which the water-supply is wholly obtained from the drift formations. All of the heavier and flat lying drift deposits belong to this division.

2. The second district comprises the regions in which the bedded rocks furnish the supply. These are the regions in which the drift is either very light or altogether wanting.

3. A third and somewhat ambiguous division takes in those parts of our territory in which the water is sometimes furnished by the drift and sometimes by the rock.

Each of these districts will be briefly characterized.



1(a). The largest area of the first division, is composed of the eastern half of Clarke, Greene and Clinton counties, of the northern townships of Highland—of Madison and Fayette counties—and of the western half of Franklin, Pickaway and Ross, respectively. Madison county lies central in this area and may be taken as a proper representative of the whole. In this division, which embraces not less than 2000 square miles, the underlying rock is very rarely shown, and may be said to exert no direct influence whatever on the water-supply. The drift beds have a thickness of 50 or more feet, while the surface of the water-bearing stratum is not more than 10–20 feet deep—and, as a consequence, the full thickness of the drift is very seldom traversed. This region holds one general level, forming what is called a flat country; but there is everywhere abundant fall for drainage. The general section of the drift beds shows :

Soil, often black .....	1-2 feet.
Yellow clay, charged with gravel or limestone gravel, sand, etc.....	8-15 feet.
Forest bed, not constant.....	1-2 feet.
Blue boulder clay, with veins of sand.....	.....

The impervious surface of the last named division, is the water-bearer of the whole district. Of course there are many local exceptions to the order here named, the boulder clay being sometimes left uncovered by the gravelly beds above mentioned, and sometimes thin seams of clay interpolated in the series of gravel beds, furnishing fountains for wells and springs through a limited extent.

From the account of the general section just given, it will be seen that this region possesses very favorable conditions for an abundant and excellent water supply. These conditions are, 1st. A comparatively flat district from which the surface rains are not carried at too rapid a rate; and 2d. Pervious beds of sufficient extent to purify and retain a generous rain-fall. The consequence is that this district is, on the whole, the best watered portion of Southern Ohio. This judgment may not commend itself at first sight to all who are acquainted with the country in question, from the fact that it is not a region of strong springs or of any great show of surface water. There is, however, beneath the surface at convenient depth, a heavier sheet of water than any other similar area in this portion of the State can show. This is seen quite clearly at the present date, when, from the fact that for three successive years the rain-fall has been below the average, the stock of water in the ground is unusually light. There is less complaint of failing wells and springs in this region than in any of those that surround it.

(b.) A second area in the northern portions of Preble and Montgomery counties agrees very well with the sub-division already described, and requires no separate discussion here.

(c.) The third large area that is supplied with water solely from its drift beds is the flat country that begins in the southern parts of Warren and Clinton counties, and embraces besides considerable portions of Highland, Brown and Clermont. The drift is much shallower here than in the districts above named, seldom attaining a thickness of more than 25 feet, and often not more than 15 feet. The general section of the drift beds of this region may be thus stated :

White or black clay, fine, free from gravel .....	1 foot.
Yellow clay, streaked with blue, with little gravel .....	8-10 feet.
Ochre seam, equivalent of forest bed .....	1 foot.
Blue, glacial clay, with boulders.....	5-15 feet.

The fineness of the surface beds makes them to a certain degree impervious. The water generally finds its way, however, to the surface of the boulder clay, which constitutes, as in the first named case, the water-bearer of the district. Most wells descend to this horizon. On the slopes of the shallow valleys that are found here, springs frequently appear at the same horizon. But the amount of water furnished by these beds is inadequate, and at the same time the quality is often very poor. The pervious clays of the upper series are highly charged with soluble minerals, and the ochre seam is also quite soluble, so that the water is thus frequently rendered so brackish as to be unfit for use by man or beast.

(d.) A fourth group of areas of this general division is found in all of the alluvial valleys of southwestern Ohio. The water in all these valleys is obtained from the beds of modified drift by which they are occupied. The supply is abundant, and the quality excellent—results which follow from the fact that the reservoir is the river water thoroughly filtered by the beds through which it is made to pass. Two or three disadvantages may be, however, noted.

1st. It is too largely charged with carbonate of lime obtained from the gravel through which it has flowed—in other words it is too *hard* to meet all domestic uses without correction.

2d. The depth at which it lies from the surface of the higher terraces is often excessive and renders the supply practically useless. This is especially true in the Ohio river terraces, which furnish in all other respects most desirable locations for building.

3d. In closely built districts in villages and towns, the communication between all portions of the gravelly beds is quite too free to allow the water to be safely used. There is nothing to prevent loosely-constructed

drains and cesspools from discharging their contents into the water-sheet beneath them.

2. The second general division comprises those regions in which the water supply is derived from the bedded rocks. All the considerable areas of this description are found in the southern part of southwestern Ohio, and are contained in the counties of Hamilton, Clermont, Brown, Adams, Highland, Scioto, Pike and Ross. As the water supply depends upon the surface-rocks, it is obvious that there may be as many modifications of the supply as there are of these rocky strata. In point of fact, four sub-divisions can be recognized in which the character of the water supply is distinctly modified in this way. These sub-divisions are—

The *Blue Limestone* area, which is confined to the counties of Hamilton, Clermont, Brown and Adams.

The *Cliff Limestone* area, principally confined to the counties of Highland and Adams.

The *Black Slate* area, found in Highland, Adams, Scioto, Pike and Ross.

The *Waverly* area, shown within the same limits, as the preceding division.

These sub-divisions will be briefly treated in the order named.

1. The *Blue Limestone* area occupies the southern portions of the counties named above, and is identical with the continuous range of highlands that forms the border of the Ohio river within these limits.

This formation consists throughout its whole extent of alternating beds of solid limestone and fine-grained, compact blue clay or marlite. The latter beds are almost entirely impervious to water. From this constitution, it follows that the *Blue Limestone* beds cannot be penetrated by the rain fall, except in a limited degree, and consequently the whole area occupied by the formation has a very inadequate water supply, being equally poor in the subterranean sheets upon which wells depend and in springs, which, indeed, are but the outflow of these underground reservoirs. It can be readily seen that descent into such a formation warrants no reasonable expectation of an increased supply, and as the thickness of this system is not less than 1,000 feet, all deep borings in it for water, are, geologically considered, ill-judged enterprises. Of the numerous attempts to reach a permanent and abundant source of water in this way within the limits of the *Blue Limestone* formation, not one has been successful. The last case noted is the boring made, during the present year in part, at Level Station, by the Marietta & Cincinnati Railroad Company, to a depth of nearly 800 feet. Like all previous attempts, this one has proved a failure.

The wells that are dug in these beds are little else but cisterns, which retain the surface water that finds its way to them. Weak veins issue from between the layers of rock also and increase the amount of water slightly. The quality of this part of the supply is, however, very inferior, as the water is so highly charged with mineral matters, and more especially with lime, as to be ill-adapted to household use.

The inadequate quantity and poor quality of the water-supply of this district, constitutes one of its greatest drawbacks in an agricultural point of view.

2. The second group of areas in which the water is obtained from the bedded rocks is much less extensive than the first. It consists of outlying table lands of *Cliff Limestone*, as seen principally in the counties of Highland and Adams. Most of the conditions for strong and permanent water veins and springs—such as a porous cap of sufficient thickness underlain by impervious beds—obtain in this formation generally, and are well shown in the district under consideration. The water sheet can be reached from the table land only by drilling, but generally no great depth is required to secure a permanent and excellent fountain, while springs break out at definite and frequently recurring horizons along all the outcrops.

3. The third modification due to the bedded rocks is to be noted in those parts of the country, the surface of which is composed of the *Huron Shale* or *Black Slate*. This formation has a general thickness of 300 feet, and is made up of nearly homogeneous beds of shale that are everywhere traversed by joints and fractures, so that water descends almost without interruption from top to bottom. There are thin sheets, however, of impervious materials that occasionally find place, and these become in their outcrops the horizons of weak springs. The surface weathers on exposure into a close-grained blue clay, which aids in retaining a sufficient supply of water for the limited amount of vegetation found on the surface of this formation. Wherever the bottom of the formation is shown, or in other words, along its line of junction with the underlying limestones, springs of large volume and great steadiness are found. The famous fountain in the Sunfish Valley, known as *Campbell's Spring*, belongs to this list, and yields water enough to run a grist mill every day of the year.

The waters of the springs derived from the shale, are often quite heavily charged with mineral matters, and of a much more varied character than the limestone waters contain. Compounds of iron and soda, as well as of magnesia and lime, abound in many of the springs, and almost all of the slower-flowing springs yield *sulphur waters*. The water of the *Black Slate* often gains repute as being possessed of medicinal power. The "Mineral Springs" of Adams county enjoy an excellent name in this con-



nection in several of the adjacent counties, and are annually resorted to by a large number of invalids. The Saratogas and Ballstons, of southern Ohio, are to be found in this belt, if found at all.

When the bottom of the formation is below the surface, the supply of water from the shale becomes very precarious. The only resource is the occasional line of weak springs already noted, the waters of which are generally surcharged with mineral contents. Wells, in the true sense of the word, are almost everywhere impossible in the Black Slate.

4. The fourth and last of these subdivisions is the *Waverly Sandstone* area, which is found in small extent in the counties of Highland and Adams, and largely in Scioto, Pike and Ross. It constitutes the highest land of southern Ohio, its summits having an elevation of 1,300 feet above tide water. Upon its western border it is found only in the caps of isolated hills, but to the eastward it occurs as a table land of considerable extent and of the same general elevation.

The *Waverly System* is composed of alternating beds of sandstone and shale. In one respect—viz., in the frequent recurrence of impervious beds of shale—it agrees quite closely with the Blue Limestone district first described. The sandstone which makes so large and valuable a part of the series might, however, seem to destroy the parallelism, as it is counted a porous rock, while the limestone layers lack this quality. But the sandstone of this region contains in its composition a large enough percentage of alumina to render it nearly impervious, and when it weathers into soil, as it readily does, it forms a very tenacious cover to the rock. This native clay holds water almost as well as a cemented surface, and many cisterns are made in it without the aid of hydraulic lime.

Enough has been said in this brief description to show that the *Waverly series* furnishes no good promise in the matter of water-supply. Indeed, there is no region of the State more destitute of an available supply than the area now under consideration. A luxuriant forest growth is here provided for, it is true, but there is no form of supply that can be reached in constant wells or that shows itself in abundant springs. Through the later summer months and for a longer period in dry seasons, cattle are often driven for miles to reach the nearest watering-places, and, in fact, considerable areas are almost unoccupied by reason of this lack.

The springs that *do* occur furnish, however, water of great purity, the strata through which they have passed being principally composed of insoluble materials. The wells that are dug are seldom worthy of the name, being cisterns rather, filled by surface drainage, and gathering the impurities of the surface.

Aqueous erosion is very prominently shown in this region, as it is also in the corresponding *Blue Limestone* district first described. The rain fall being unable to penetrate the impervious beds of the surface and thus to secure room for itself, is promptly gathered in the established channels of drainage and hurried in destructive floods to the lower levels.

III. The third and last general division of our subject takes in the areas that are mixed in their character—the bedded rocks frequently showing through the thin drift beds and conferring their own peculiar features on the water supply, while again the water is borne by the drift beds alone, as in the first general division. This division embraces all of southwestern Ohio that has not been already provided for in the geographical boundaries thus far employed, and takes in, indeed, a more considerable area than either of the two above described divisions. Parts—and generally the larger parts—of the counties of Preble, Montgomery, Greene, Clarke, Butler, Warren, Clinton, Hamilton, Clermont and Highland compose this third division.

In general terms it may be said that this is a well-watered region. The particulars of its supply need not be given, as this would involve a repetition of the facts already stated. Where the rock yields the supply the line of connections previously traced can be observed, and where the water is derived from the drift, as it is in far the largest number of instances, the statements given under the first general division will be found to apply.

A few additional points need, however, to be stated here which have found no fitting place in the accounts already given.

The line of junction between the *Lower and Upper Silurian* rocks—or in other words between the *Blue Limestone* and the *Cliff Limestone*—is a very interesting horizon in relation to its water supply. It would have been described under the second general division but for the fact that there is no one extended area or continuous line of areas that exhibit its peculiarities. It is seen at intervals through a half dozen counties. The *Blue Limestone series* terminates in 30 or more feet of impervious shales, which are immediately overlain by the very porous beds of the *Clinton series*—the lowest member of the *Cliff Limestone* group. These conditions are very favorable for a generous and excellent yield of water, and accordingly the outcrop of this geological boundary is marked by the finest line of springs in this section of Ohio. They are to be seen in their most characteristic features in the outliers of *Cliff Limestone*, which are found, for instance, in Warren and Montgomery counties.

Again, the surface of the *Niagara Shales* constitutes a notable water-bearer in several of the counties last named. It furnishes a source for wells, and gives rise to numerous springs and water-courses.



A higher belt of shales in the same formation—viz., the *Niagara Group*—is still more serviceable in this respect. Its exact location is at the base of the Springfield division of the group. This horizon is especially interesting and important in Clarke, Greene and Highland counties. It gives rise to the noble fountain from which Yellow Springs derives its name.

In conclusion, it may be remarked that there are several springs in this quarter of the State—such as the one last-named—Campbell's Spring in the Sunfish Valley, Heston's Spring in Springboro, Warren county, that yield a much more affluent supply than many of the fountains of the Old World that have taken their place in history and literature.

We have now passed in brief review the general characteristics of the water supply in southwestern Ohio as connected with the geological structure of this region. In a very considerable portion—perhaps one-half—of the whole area, this supply is deficient in quantity, and often defective in quality as well. This deficiency does not result from an inadequate rain-fall, as we have seen, but from the nature of the surface-beds by which the rain-fall is refused entrance, and is hurried on to the channels of drainage, or by which it is burdened with mineral substances to an objectionable degree. As these geological conditions are, in the main, unalterable, it follows that in all of these areas the principal satisfactory supply must be found in the careful collection and preservation of roof-water in cisterns. Simple and obvious as this conclusion is, it has not yet been applied to any great extent in the regions that need it most. There are few parts of the State—indeed even among its well-watered portions—in which rain water ought not to be saved, it being so much preferable for domestic uses to water that has been filtered through either limestone rock or limestone gravel; but in all the districts to which reference is now made it seems a prime necessity.

It is safe to say that, if the rain-fall on the roofs of these regions were properly husbanded, there would be no scarcity of water for all ordinary uses in these areas. One thousand square feet of roof will furnish, from the annual rain-fall of 40 inches, 750 barrels of rain water. There are but few farms in which the areas of the roofs would fall within these limits. They more frequently double, and very often quadruple this amount. It would certainly be out of place in this connection to dwell at any length on the practical details of so important a subject, but the reference to it can be pardoned.

## COAL.

"Coal is now the indispensable aliment of industry; it is a primary material engendering force. \* \* \* \* It is to industry what oxygen is to the lungs, water to the plant, nourishment to the animal."—*Prof. Taylor.*

"Thus coal produces steam; steam fashions the metals which serve to fabricate the machines. \* \* \* \* The powers of man are centupled; he is no longer the serf of creation, he is rather the king. The barons of feudality have made room by their side for the nobility produced by industry."—*M. Michel Cheralier.*

"Mineral and metallurgic industry is, with agriculture, the most vital element of our country's prosperity. Coal is the most essential agent of all industry."—*Bulletin de la Commission Centrale de Statistique Bruxelles.*

"Coal is entitled to be considered as the main-spring of our civilization. \* \* \* \* Its possession is, therefore, the highest material boon that be craved by a community or a nation. \* \* \* \* It is well known to the political economists that the source of England's wealth has been her manufacturing industry; and the main-spring of her industry has been her stores of coal. In this respect she enjoys a great pre-eminence over all the nations of Europe. The United Kingdoms have a coal area that has been reckoned at 10,000 square miles; while in round numbers Belgium has 500, France 2,000, Spain 4,000, and the other nations of Europe still less. The annual coal production of Great Britain is now more than 100,000,000 tons. \* \* \* \* The power developed in the combustion of a pound of coal is reckoned by engineers as equal to 1,500,000 foot pounds. \* \* \* \* It is estimated that 20,000,000 tons of the annual coal product of Great Britain is devoted to the development of motive power, and that this is equivalent to the labor of 133,000,000 of men. \* \* \* \* The productive coal area of Ohio is not less than 10,000 square miles, or quite equal to that possessed by Great Britain, and far in excess of that of any other European nation. \* \* \* \* In Ohio the annual coal production is now about 3,000,000 tons. So it will be seen that we have not only an almost inexhaustible source of wealth in our coal fields, but that as yet we have scarcely begun to draw from this treasury."—*Prof. Newberry.*

"We have so much coal stored away in the hills of Ohio, that figures would hardly give the number of years of human labor it truly represents."—*Prof. Andrews.*

"Without doubt the most valuable mineral wealth in Ohio is to be found in her coal fields. Coal differs from all other materials that are dug from the earth in this respect; it alone is a source of power."—*Prof. Orton, Antioch College.*

Ohio as an agricultural State has passed her highest point of development. In the decade ending with 1870, our increase of population was but a trifle over 325,000, and this increase, with the exception of the north-west corner of the State, was confined to cities, and manufacturing and mining districts. Our maximum as an agricultural State is not so certainly indicated by the decrease of population in the rural districts as by the yearly decrease of the average per acre of the leading cereals, and

the still more important consideration that more grain is being produced per acre west of us, in soil that costs less than our own. It is evident, therefore, that our advance in wealth and population in the future is through the development of our mineral resources and manufacturing industries. The true principle in economic science, is to direct the forces which produce wealth where they can be applied to the greatest advantage.

Ohio is not rich in mineral resources after the manner of Colorado or California. No valuable deposits of precious metals are known within her territory; still she has more than her full proportion of mineral wealth, the most valuable of which is her immense coal fields.

The aggregate of stone-coal mined in 1871, as returned by the township assessors, is 55,316,666 bushels. The returns show that coal was mined in thirty-seven counties in the State.

A comparative view of the amount of stone coal mined in Ohio for a series of years, as returned by township assessors, is as follows:

	Bushels.
In 1863 .....	26,887,899
1864 .....	40,527,291
1865 .....	34,290,359
1866 .....	42,130,021
1867 .....	46,703,820
1868 .....	55,264,392
1869 .....	54,955,057
1870 .....	47,584,792
1871 .....	55,316,666

The amount actually mined is doubtless largely in excess of these figures.

Sixteen counties in Ohio mined over a million bushels each, during the year ending April, 1872. The following table exhibits the mining operations of these counties in the order of product:

Counties.	No. bushels mined.
1. Stark .....	9,732,110
2. Columbiana .....	6,527,831
3. Meigs* .....	5,235,349
4. Athens .....	4,391,245
5. Perry .....	3,872,095
6. Trumbull .....	3,080,804
7. Belmont .....	2,919,413
8. Guernsey .....	2,746,080
9. Jefferson .....	2,463,328
10. Summit .....	2,367,077

\*The total annual coal production in Meigs county is estimated at 9,000,000 bushels.

Counties.	No. bushels mined.
11. Wayne .....	1,761,150
12. Lawrence .....	1,655,809
13. Tuscarawas .....	1,380,197
14. Jackson .....	1,332,140
15. Hocking .....	1,274,863
16. Muskingum .....	1,070,850

The remaining twenty-one counties in which coal was mined in 1871, are Mahoning, 648,440 bushels; Portage, 500,584 bushels; Vinton, 497,340 bushels; Harrison, 461,165 bushels; Washington, 326,419 bushels; Coshocton, 278,447 bushels; Noble, 269,498 bushels; Carroll, 184,400 bushels; Morgan, 135,773 bushels; Monroe, 67,799 bushels; Scioto, 64,871 bushels; Holmes, 54,160 bushels; Crawford, 21,937 bushels; Gallia, 12,900 bushels; Licking, 1,500 bushels; Geauga, 750 bushels; Fairfield, 100 bushels; Sandusky, 90 bushels; Franklin, 80 bushels; Hardin, 50 bushels, and Lucas 22 bushels.

#### OUR IRON SMELTING COALS.

For the purpose of comparison, I give below from the records of the State Chemist, Prof. Wormley, the analysis of several of our best iron making coals:

	Nelsonville, Athens county.	Straitsville, Perry county.	Sunday Creek, Perry county.	Lost Run, Hocking county.
Specific gravity .....	1.285	1.291	1.237	1.290
Water .....	6.20	7.90	5.85	6.80
Volatile matter .....	31.30	34.63	35.21	36.16
Fixed carbon .....	59.80	54.29	53.62	54.99
Ash .....	2.70	3.18	5.32	2.05
Total .....	100.00	100.00	100.00	100.00
Sulphur .....	0.97	0.98	0.51	1.07
Color of ashes .....	Gray.	Dull white.	Fawn.	Light fawn.

Nature of coke—all compact.

This above analysis only includes coal of the great Nelsonville seam. The specimens were from coal in bottom layer. The Columbus furnace, built in 1870, was the first to use the Hocking coal in a raw state for smelting iron ore. It is still in successful operation. The furnace of the Ohio Iron Company, at Zanesville, also use the Hocking coal without coking.

	From Jackson County, Ohio, (Jackson shaft coal.)	Jackson County, Ohio, (Hill coal.)	Mahoning County, Ohio, (Briar Hill coal.)	Massillon, Stark County, Ohio, (Blue Chippewa coal)	Boyd County, Kentucky, (Ashland coal.)	Clay County, Indiana, (Bra- zil coal.)
Specific gravity .....	1.282	1.336	1.284	1.247	1.364	1.773
Water .....	7.75	7.60	3.60	6.95	6.65	5.45
Volatile matter .....	31.27	30.96	32.58	32.38	34.54	38.76
Fixed carbon .....	58.95	57.65	62.66	57.49	54.28	53.99
Ashes .....	2.03	3.79	1.16	3.18	4.53	1.80
Total.....	100.00	100.00	100.00	100.00	100.00	100.00
Sulphur .....	0.53	0.49	0.85	0.88	1.07	0.75
Color of ashes .....	Reddish	White.	Red.	Grayish. Very	Fawn. Quite	Grayish.
Character of coke.....	Pulverulent.			Compact.		Compact.

It will be seen that the average of fixed carbon in the above coal is 57.43 per cent. The Boyd county, Kentucky, coal, which is a successful furnace coal, contains 54.28 per cent. of fixed carbon. The average of fixed carbon from the great Nelsonville seam, in all localities, is 55.79 per cent. The amount of fixed carbon is the test of merit for furnace coal. Experience, in the furnaces at Columbus and Zanesville, has demonstrated the Straitsville coal a successful furnace coal.

The following analyses of the iron smelting coals of Great Britain is taken from the report of the "British Association for the Advancement of Science." In this analysis all the different elements are given separately :

	Newcastle.	Wales.	Scotland.	Derbyshire
Specific gravity .....	1.256	1.315	1.259	1.192
Carbon .....	82.15	83.78	78.53	76.68
Hydrogen .....	5.31	4.79	5.61	4.94
Nitrogen .....	1.35	0.98	1.00	1.41
Sulphur .....	1.24	1.43	1.11	1.01
Oxygen .....	5.69	4.15	9.69	10.28
Ashes .....	3.77	4.91	4.03	2.65
Percentage of coke .....	60.67	72.62	54.22	59.32
Fixed carbon.....	56.90	67.71	50.19	56.67



It will be noticed that the sulphur in these coals runs from 1.01 to 1.43. This is in excess of our Ohio coals, as ascertained by the analysis published above—while the average of fixed carbon, excepting the Wales coal, is less than ours.

Prof. Taylor, in his work on coal, estimates that, in the ordinary method of computation, at least twenty-three thousand million tons of coal are available in the State of Ohio. The annual coal production of Great Britain is about one hundred million tons. Ohio, on the estimate of Prof. Taylor, can stand the drain of Great Britain on her coal fields for two hundred and thirty years. At our present rate of consumption, on the return of 1871, we have coal sufficient to last ten thousand four hundred and fifty years. At the expiration of this time, it is to be hoped that the Boreal gods, in their grand economy, will send us another of those great glaciers\* to scoop us down to the deeper hidden jewels of earth.

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\* A continental glacier has lately covered northern North America; has covered Ohio to its southern tiers of counties, at least. It has left its unmistakable track in the polished and striated surfaces of all the firmer rocks of the State. It has left deeper and more ineffaceable marks on the face of the State, in the lake and river valleys which it has so largely helped to fashion. All the forms of vegetable and animal life with which the continent had hitherto been abundantly tenanted, were exterminated, driven from their accustomed limits, or destroyed by the icy breath of the glacier. Herds of reindeer and musk-oxen roamed over the regions south of the Ohio. They learned the paths to the Salt Licks of Kentucky, and there to-day we find, under the bones of the buffalo—under the bones of the extinct mammoth and mastodon, the relics of these Arctic animals—witnesses whose testimony cannot be impeached to the presence of an Arctic climate there.

At the height of this period, then, we should have found the State of Ohio, over almost its whole extent, covered with a glacial sheet, hundreds or even thousands of feet in thickness, of mingled snow and ice—of the boulders, gravel and mud, into which the face of the country had been ground, in these mills of the gods.—*Prof. Orton of Antioch College.*



## IRON.

"Iron is certainly the most useful substance in the world. There is no article upon which we can gaze which is not indebted to iron, in one way or another, for its form. It adapts itself to all our wants and desires, and even our fancies. It is equally serviceable to the arts, and to the sciences, to the agriculturist and the warrior."—*Prof. Blyth, University of Gottingen.*

"The industrial development of a nation seems to stand in direct proportion to its consumption of iron; and the prosperity of a nation, in a certain degree, depends on the sufficiency, cheapness and quality of the iron it produces."—*William Crookes, F. R. S. in Metallurgy.*

"Perhaps the grade of civilization among modern nations can be as accurately determined by the quantity and quality of iron which each produces, as by any other test."—*Prof. Edward Orton, Ohio.*

"While Ohio cannot boast of an equal endowment of iron with coal, it may be said that she has fully her share of this element of wealth. In most counties, certain varieties of iron ore are found associated with coal—blackband, clay-iron stone, etc.—and in these ores Ohio is richer than any of those States that share with her our great Alleghany coal basin. Again, our coal field is so situated, and the coal it furnishes is of such quality, that a large part of the richer crystalline ores of other States must inevitably be brought to our territory to be smelted and manufactured. \* \* \* The richest of all the ores of iron is the "magnetic oxide," which contains, when pure, 72.4 per cent. metallic iron, and 27.6 oxygen. It consists of the protoxide and sesquioxide combined, and may be recognized by its black powder and its magnetic property. \* \* \* The ore next in point of richness is that called "specular iron," which consists, when pure, entirely of peroxide. When free from foreign matter, this ore contains 70 per cent. of iron and 30 of oxygen. Most of the Lake Superior ores are of this character, as are those of the Iron Mountains of Missouri. To us, the Lake Superior ores are of immense importance, as will be seen from the fact that at least two-thirds of all the ores mined in the Marquette district are brought to this State. \* \* \* We have in Ohio all the varieties of iron ore that are ever associated with coal, viz.: blackband, kidney ore, black ore; and in less abundance, brown hematite, the hydrated peroxide of iron. \* \* \* Perhaps, nowhere in the world are the ores of the coal measures so abundant, and so rich and excellent, as in the iron district of Southern Ohio."—*Prof. Newberry.*

Ohio has iron ore in sufficient quantity and quality for a long period of successful iron industry.

Prof. Andrews, of the Geological Survey, who is in charge of the Southeastern Ohio district, reports iron ore in greater or less abundance in the following counties; Muskingum, Licking, Perry, Hocking, Athens, Vinton, Jackson, Scioto, Lawrence and Gallia. The ores in this district are of great excellence and purity, and the iron made from them

has already a high reputation. The iron ores of Southern Ohio are classified as limonites, or hydrated sesquioxides of iron, and siderites or blue carbonates of iron.

In Vinton, Jackson, Scioto and Lawrence counties, the favorite ore rests upon a seam of limestone, and hence is called the "limestone ore." It is remarkably free from sulphur and phosphorus, and the charcoal iron made from this ore, according to Professor Andrews, has no superior in the world.

The average percentage of metallic iron in a large number of the more important limonite ores of the limestone seam is 51.666; of the blue siderite ore, 38.050; of gray siderite, 35.526. The average of metallic iron in four samples of ore from the famous Cleveland iron district, England, is but 35.75 per cent., while the average of six samples from our fields in Southern Ohio is 36.57.

The ore least rich in iron is the "gray limestone." The Craig ore found between Hamden and McArthur, Ohio, is a very rich limonite, and contains 58.62 per cent. of metallic iron. The "Hanging Rock"\* iron (for this name is generally given to all iron made south of the Hocking river) is every where celebrated for its superior quality.

Professor Newberry says the quantity of iron ore in Northeastern Ohio is large, but probably somewhat less than that found in the southern portion of our coal fields. The kidney ores exist in greater or less abundance in every township within the coal area, and they are largely used in the furnaces in this locality.

Conspicuous bands of the "kidney" ore are found at several horizons in the lower coal measures in Holmes county. In Columbiana county the deposits of this ore are very rich. "In Tuscarawas county, at Dover and Mineral Point, the richest accumulation of kidney ore is over the gray limestone, and in the roof shales of the Newberry coal. In Columbiana county there is some black band in the same position. In Mahoning county from eight to eighteen inches of black band iron ore is found." Professor Newberry reports the black band stratum in different localities in Stark county, where it attains a maximum thickness of twenty feet, but is less rich in iron than in Tuscarawas county.

According to the federal census of 1870, there were 216,529 tons of iron

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\* In the Hanging Rock region of Southeastern Ohio and Northeastern Kentucky is an ore belt of twelve miles in width, and fifty in length north of the Ohio river, and thirty miles south of it. This belt of ore runs northward into Northern Ohio. Immediately surrounding the city of Ironton there are fourteen blast furnaces, all but one of which are charcoal furnaces. The ores of this region, as yet mined, are surface deposits, although immense supplies yet entrenched still exist.—*Report of National Bar Iron Association, 1872.*

ore mined in Ohio in that year. The following are the great ore-producing States, in the order of their product :

	No. Tons ore mined.
1. Pennsylvania .....	1,065,686
2. Michigan .....	690,393
3. New York .....	470,493
4. New Jersey.....	362,636
5. Ohio.....	216,529
6. Missouri .....	178,842
7. Maryland .....	98,354
8. Tennessee.....	34,619
9. Massachusetts.....	30,061
10. Wisconsin .....	20,000

The aggregate for all the States is 3,210,918 tons.

It will be seen that Pennsylvania produces nearly one third of all the ore in the United States. No record is given in the Federal census of the ore from either Alabama, Connecticut, or Georgia. These States all mine ore to a considerable extent.

The rapid advance in ore production is realized by a comparison of 1870 with 1871. Michigan is credited with 690,393 tons in 1870, while the Lake Superior region shipped 900,000 tons in 1871 and mined nearly 1,000,000 tons. Missouri mined 178,842 tons in 1870. It is estimated that Missouri will mine 400,000 tons in 1872. There has been a large increase in Ohio also during the years 1871 and 1872. The Columbus and Zanesville furnaces are now using one-third native ores.

#### PIG-IRON MANUFACTURE.

I have no official statistics of pig-iron manufacture for 1871. The law of May 7th, 1869, under which statistics of iron manufacture were to be returned to this office through the Auditor of State, has this year been a dead letter. No county in the State has reported to the Auditor of State at this date (December 15), and only nine counties are reported through the township assessors. The nine counties are Athens, 700 tons; Columbiana, 17,646 tons; Gallia, 2,760 tons; Jackson,\* 28,000 tons; Lawrence, 33,649 tons; Mahoning, 67,630 tons; Muskingum, 400 tons; Scioto, 9,991 tons; and Tuscarawas, 5,000 tons; aggregate for State, 185,868 tons.

The amount reported in nearly every instance is too low. Muskingum county reports 400 tons manufactured; while I have reliable information that the "Ohio Iron Company" at Zanesville made 14,000 tons. Franklin county, which is not reported, made nearly 10,000 tons; and Hocking

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\* Alanson Robbins, Esq., Sec. Star Furnace Co., Jackson, reports 28,092 tons.

county, not reported, at least 3,000 tons; Cuyahoga county, not reported, turned out 17,000 tons.

A comparative view of the pig iron manufactured in Ohio for a series of years, is shown in the following table:

Year.	Tons of Iron.	Year.	Tons of Iron.
In 1840 .....	25,950	In 1866 .....	81,790
1850 .....	52,658	1867 .....	167,591
1860 .....	105,500	1868 .....	207,746
1863 .....	50,704	1869 .....	211,074
1864 .....	62,536	1870 .....	309,033
1865 .....	63,991	1871, estimated .....	353,000

The American Bar Iron Association, which met in Philadelphia in January, 1872, reports through its Secretary, that the twenty-one blast furnaces\* in the Mahoning Valley yielded 203,000 tons of iron in 1871. At Cleveland two blast furnaces\* turned out 17,000 tons. The following table exhibits the product for 1871 of the fourteen blast furnaces in the immediate vicinity of Ironton:

Name of Furnace.	Kind.	Fuel.	Yearly production.	Shipping from
Monitor .....	Cold blast .....	Charcoal .....	2,500 tons .....	Petersburg.
Ohio .....	Hot " .....	" .....	3,000 " .....	Hanging Rock.
Pine Grove .....	" " .....	" .....	3,000 " .....	" "
Hecla .....	Cold " .....	" .....	2,500 " .....	Ironton.
Lawrence .....	" " .....	" .....	2,500 " .....	"
Vesuvius .....	Warm " .....	" .....	2,500 " .....	"
Center .....	Hot " .....	" .....	3,000 " .....	"
Grant .....	" " .....	" .....	2,500 " .....	"
Olive .....	" " .....	" .....	3,000 " .....	"
Buckhorn .....	" " .....	" .....	3,000 " .....	"
Howard .....	" " .....	" .....	3,000 " .....	"
Mt. Vernon .....	" " .....	" .....	3,500 " .....	"
Etna .....	" " .....	" .....	3,000 " .....	"
Belfont .....	" " .....	Stone coal .....	7,500 " .....	"

Giving a total production of 44,500 tons of iron in this region.

The number of furnaces in the Hanging Rock region in 1869 was forty-three, thirty-eight charcoal and five stone coal furnaces, with an aggregate yield of 106,000 tons of pig iron. Col. Bolles, President of the Pig Iron Association of this region, reports the production of 1870 at 87,287

\* These furnaces run on Lake Superior ores and the block coal of Mahoning, which is especially adapted to the production of iron.

tons. The yield of 1871 must have exceeded 100,000 tons. I estimate the pig iron product of Ohio in 1871 at 353,000 tons. In 1872 it will probably reach 400,000 tons.

By the census of 1870, as ascertained through advance sheets from the Census Bureau at Washington, we have in the United States 574 blast furnaces; daily capacity, 8,357 tons; yearly product, 2,052,881 tons pig; value, \$69,640,498; and employing 27,554 hands.

In the year 1871 Great Britain produced six millions tons of pig metal from 691 blast furnaces; the remaining number—there being 920 in the United Kingdom—were not in blast.

Ohio ranks as the second State in the Union in iron manufacture, Pennsylvania ranking first, and reporting in 1870, 1,033,272 tons, over one-half of all pig iron manufactured in the United States. By the Census Report of 1870, Ohio manufactured 306,363 tons, nearly three thousand tons less than reported by this office for that year, from Assessor's returns. New York, the third State in annual pig iron product, reported 223,725 tons for the same year.

Fifty-three furnaces were built or are building in 1872.\*

The following is the list:

BLAST FURNACES BUILT OR BUILDING IN 1872.			
<i>Pennsylvania.</i>		<i>Tennessee.</i>	
Pittsburgh .....	4	Cumberland .....	1
Lehigh Valley .....	6	Richmond .....	1
Susquehanna .....	2	Chattanooga .....	2
Schuylkill .....	2		—
Shenango .....	8		4
Erie .....	1		
Tonawanda .....	1		
	—		
	24	<i>Ohio.</i>	
		Mahoning .....	3
		Hanging Rock .....	5
		Cleveland .....	1
		Columbus .....	1
			—
			10
		<i>Michigan and Lake Superior Region.</i>	
		Eel Rapids .....	1
		Bangor .....	1
		Escanaba .....	1
		Marquette .....	2
			—
			5
			—
		Total .....	53
<i>Indiana.</i>			
Indianapolis .....	1		
Brazil .....	1		
	—		
	2		
<i>Illinois.</i>			
Joliet .....	2		
<i>Missouri.</i>			
St. Louis .....	2		

Some eighteen more furnaces have been projected since this list was made out, in August, 1872.

I have no statistics of furnaces built in Ohio in 1871. The federal census of 1870, reports but sixty in the State, when there appears to have

\* Report of Thos. Dunlap, Secretary American Pig Iron Company.



been sixty-eight. It is remarkable that an object which strikes the eye at so long a range as the blazing top of a furnace-stack should, in so many instances, have escaped the vigilance of the census marshals.

The total production of pig iron in the United States in 1871, may be set down at 1,912,608 tons, against 1,865,000 tons in 1870 ; 1,916,000 tons in 1869 ; 1,603,000 tons in 1868 ; 1,461,626 tons in 1867 ; 1,350,943 tons in 1866, and 931,000 tons in 1865. The present annual capacity of the blast furnaces of the United States is about 2,500,000 tons. It is estimated that the coal strikes in Pennsylvania in 1871—during which time thirty furnaces were out of blast—reduced the aggregate for that year 250,000 tons.

The pig iron product of the United States in 1871 is valued at \$75,000,000 ; to produce which 79,500 men were employed.

The following table exhibits the development of pig iron manufacture in the United States for sixty years :

	No. of Furnaces	Product of Pig Iron.
1810.....	153	53,908 tons.
1830.....	239	191,536 "
1840.....	Doubtful.	286,903 "
1850.....	377	546,755 "
1860.....	286	1,937,559 "
1870.....	574	2,052,881 "

"The iron industry of the United States is but in its infancy, and the present generation will undoubtedly see our production of pig metal quadrupled, and even then unable to keep pace with the demand for it from other industries."—*Thos. Dunlap, Sec. Am. Pig Iron Association.*

#### PIG IRON PRODUCTION IN THE WORLD IN 1871.

The following is an approximate estimate of the whole production of pig iron in the world in 1871, in tons of 2,000 pounds :

Great Britain .....	6,500,000 tons.
United States.....	1,912,000 "
France .....	1,350,000 "
German Zollverein .....	1,250,000 "
Belgium .....	896,000 "
Austria .....	450,000 "
Norway and Sweden .....	280,000 "
Russia.....	330,000 "
Italy .....	75,000 "
Spain.....	72,000 "
Other countries .....	200,000 "
Total .....	13,315,000 "

It will be observed that Great Britain produced about one-half of the pig iron made in the world last year.



## IRON INDUSTRY IN OHIO.

We have no law under which statistics of manufacture are reported in Ohio. The appended statistics were consolidated in this office from the advance sheets of the Federal census of 1870 :

*Table exhibiting the Rolling Mills, Nail Mills, and Miscellaneous Iron Manufacture in Ohio for 1870, as ascertained by the Ninth Federal Census.*

County where located.	Articles manufactured.	Number of establishments.	Number of hands employed.	Capital employed.	Wages paid during the year.	Value of materials used.	Value of products.
Belmont....	Forged and rolled iron....	1	76	\$90,009	\$71,500	\$134,500	\$216,000
" .....	Nails and spikes cut, etc....	1	39	109,091	19,840	216,000	247,292
*Cuyahoga ..	Forged and rolled iron....	2	578	1,190,000	390,500	1,544,265	2,290,784
" .....	Bolts, nuts, etc.....	3	157	175,000	46,000	160,443	222,000
" .....	Nails and spikes cut, etc....	3	46	65,150	15,100	100,705	127,480
" .....	Iron pipe, wrought.....	2	32	47,500	10,500	84,749	169,000
Franklin .....	Forged and rolled iron....	1	75	110,000	37,500	84,000	125,000
Hamilton....	" .....	4	740	1,256,500	501,400	1,106,000	1,844,640
" .....	Bolts, nuts, etc.....	5	179	149,560	48,593	114,333	198,530
" .....	Iron railing, wrought....	4	62	49,000	25,522	62,870	146,920
Jefferson .....	Forged and rolled iron....	3	264	670,000	182,250	640,570	910,418
" .....	Nails and spikes cut, etc....	1	80	200,000	41,000	552,503	614,842
Lawrence .....	Forged and rolled iron....	4	557	482,250	248,992	478,360	805,370
" .....	Nails and spikes cut, etc....	1	70	150,000	42,500	336,000	397,000
Lorain .....	Iron railing.....	1	8	8,000	4,400	2,275	11,000
Mahoning....	Forged and rolled iron....	2	426	800,000	328,758	1,288,260	1,909,690
" .....	Bolts, nuts, washers, etc....	2	51	43,000	23,000	97,552	191,800
" .....	Nails and spikes cut, etc....	1	35	200,000	25,000	293,330	328,640
Meigs .....	Forged and rolled iron....	1	157	150,000	52,300	124,186	214,900
" .....	Nails and spikes cut, etc....	1	25	17,000	4,700	20,164	28,757
Muskingum ..	Forged and rolled iron....	1	101	176,000	85,635	166,247	258,000
Paulding .....	Iron blooms .....	1	18	10,000	8,500	43,700	56,000
Scioto .....	Forged and rolled iron....	2	303	385,000	180,000	500,450	747,837
" .....	Nails and spikes cut, etc....	1	8	25,000	5,000	55,700	61,837
Stark .....	Forged and rolled iron....	1	180	350,000	118,000	592,700	780,000
Summit .....	Iron anchors and chains ..	1	101	25,000	50,000	24,800	90,000
Trumbull....	Forged and rolled iron....	4	732	725,000	276,000	857,057	1,430,500
" .....	Nails and spikes cut, etc....	1	64	75,000	45,000	233,000	292,000
Washington ..	Forged and rolled iron....	1	220	30,000	168,000	453,840	704,130
Totals .....		62	5388	7,763,960	3,055,490	10,368,559	15,420,367

\* Cleveland now has fourteen rolling mills, with two hundred puddling furnaces, which are capable of turning out four hundred tons of finished iron per day.—*Proceedings Iron and Steel Institute, London, 1872.*

The Secretary of the National Bar Iron Association writes that the statistics of the Federal census on rolling mills are apparently incorrect, product and value being too small. It is safe to say that the preceding table does not fully exhibit the iron industry of Ohio.

The following is a condensed statement of the iron industry, other than pig, of the United States in 1870, as reported by the Federal census :

Bloomeries and forges, 82; product, 110,808 tons of blooms; value, \$2,765,623, and employing 2,902 hands.

Foundries, 2,653; value of castings, \$99,837,218; employing 51,297 hands.

Forges, 102; value of forgings, \$8,147,669; employing 3,561 hands.

Rolling mills, 309; producing rolled iron, including rails, to the value of \$120,301,158, and employing 44,643 hands.

#### MANUFACTURE OF RAILS.

The following statistics of rail mills were furnished by Henry McAllister, Esq., of Philadelphia, Secretary of the National Iron and Steel Association :

The total production of rails in the United States in 1871 amounted to 775,733 tons. The following statement shows the localities in which these rails were manufactured :

Pennsylvania.....	335,604 tons.	Maine.....	13,383 tons.
Illinois.....	91,178 "	Indiana.....	12,778 "
New York.....	87,022 "	Tennessee.....	9,667 "
Ohio.....	75,782 "	Missouri.....	8,200 "
Maryland.....	44,941 "	New Jersey.....	6,700 "
Wisconsin.....	28,777 "	Georgia.....	7,840 "
Massachusetts.....	28,864 "	West Virginia.....	5,000 "
Michigan.....	14,000 "	Kentucky.....	6,000 "

The reports received from the rail mills indicate that a large number were in operation during a *part* of last year only. There are forty-eight rail mills in the country, and their utmost annual capacity is placed at about 1,000,000 tons.

#### ROLLED AND HAMMERED IRON.

The production of rolled and hammered iron, other than rails, in 1871, is estimated at 710,000 tons, which may be analyzed about as follows :

Merchant bar and rod.....	335,000
Sheet and plate.....	118,000
Hoop.....	22,000
Nails and spikes.....	155,000
Axle and other.....	80,000

Total in tons..... 710,000

Of which Ohio manufactured 76,052 tons. The number of rolling mills in the United States, at this time, (1872) is estimated at three hundred.

STEEL.

The steel product in the United States, of all kinds, in 1871, is estimated at 82,000 tons, of which 45,000 tons were made by the Bessemer process. I believe Cleveland is the only point in Ohio where Bessemer steel is manufactured.

PROGRESS OF IRON INDUSTRY IN OHIO.

At the first quarterly meeting, in 1872, of the National Association of Bar Iron Manufacturers, the following report was submitted on the progress of iron industry in Ohio :

"The industry is increasing rapidly, and is generally busy. At Columbus a large works has been erected, and Cleveland now contains 14 rolling mills, rolling iron and steel, with 200 puddling furnaces, capable of producing 400 tons finished iron per day.

At Ironton improvements are making. In the Mahoning Valley there are six mills with 149 puddling furnaces. At Youngstown one works consumes a product of 23,500 tons of pig iron per annum, made on the spot, in the manufacture of merchant iron, plate, sheet, nails and spikes. At Cleveland the plant of the largest works consists of one steel works, cost, \$240,000.

One steel rail mill, capacity, 50 tons per day.

One booth rail mill, " 50 " "

One iron rail mill, " 60 " "

One bar iron mill, " 20 " "

One wire rod mill, " 7 " "

One wire drawing mill " 50 " "

Number of hands employed, 1,200 ; average yearly wages, \$200,000."

The following tables exhibit the development of iron production in its different branches for a series of years :

*Production of Rolling Mills in the United States, in Tons of 2,000 Pounds.*

Years.	Rails.	Other rolled Iron.	Total.
1864 .....	335,369 tons	536,958 tons	872,327 tons
1865 .....	356,292 "	500,048 "	856,340 "
1866 .....	430,778 "	595,311 "	1,026,089 "
1867 .....	462,108 "	579,838 "	1,041,946 "
1868 .....	506,714 "	598,286 "	1,105,000 "
1869 .....	593,586 "	642,420 "	1,236,006 "
1870 .....	620,000 "	705,000 "	1,325,000 "
1871 .....	775,733 "	710,000 "	1,485,733 "

*Production of the Forges and Bloomeries in the United States, in Tons of 2,000 Pounds.*

Year.	Quantity.	Year.	Quantity.
1865.....	63,977 tons.	1869.....	69,500 tons.
1866.....	73,555 "	1870.....	62,250 "
1867.....	73,073 "	1871.....	63,060 "
1868.....	75,200 "		

*Production of Steel of all Kinds in the United States in Tons of 2,000 Pounds.*

Year.	Quantity.	Year.	Quantity.
1865.....	15,262 tons.	1869.....	35,200† tons.
1866.....	18,973 "	1870.....	75,000‡ "
1867.....	19,000 "	1871.....	82,000§ "
1868.....	30,000* "		

\* Including 8,500 tons of Bessemer steel. † Including about 12,000 tons of Bessemer steel. ‡ Including about 40,000 tons of Bessemer steel. § Including about 45,000 tons of Bessemer steel.

## SOCIAL STATISTICS.

Under the laws of Ohio, social statistics include the record of marriages, divorces, births, deaths, crimes against the person, crimes against property, pauperism, prostitution, number of idiots, suits in court with their cost, naturalizations, wills, letters of administration and guardianship, and new structures.

These statistics are obtained from county officers, in whose offices the records are kept, and consolidated in this bureau. Owing to the fact that county officials receive little or no pay for their services, it has always been difficult to obtain complete returns; and since the duties of Commissioner of Statistics have been enjoined upon the Secretary of State, without compensation, with an inadequate allowance for clerk hire, it has been impossible to arrange and present these statistics in the manner which their importance demands.

Certain classes of social statistics are now collected in New York, Massachusetts, Vermont, Connecticut, Rhode Island, New Jersey, North Carolina, Kentucky, Michigan, California and Minnesota. But only three

states—California, Michigan and Minnesota—appear to have devoted much legislation to vital statistics. The vital statistics of Michigan\* are the most complete of any state in the Union. The law under which these statistics are furnished provides a small compensation to assessors, supervisors and county clerks, through whose offices the statistics are returned to the Secretary of State. The Secretary is required to publish a report annually, under the immediate supervision of a member of the State Medical Society.

This year I have no report from any county in the State of that class of social statistics required under the law of May 7th,† 1869; and it is only through the continuous and persistent prodding of county officials that any social statistics are presented. Unless the Bureau of Statistics is better sustained in the future, this report is likely to become a dreary vehicle for useless and unreliable trash.

In addition to the social statistics secured under the laws, I present in this report tables of illiteracy by counties, churches in Ohio, and some interesting educational statistics.

#### EDUCATIONAL STATISTICS CONSIDERED.

Hon. John Eaton, National Commissioner of Education, has issued several pamphlets during the year, the most important of which on "The relation of Education to Labor," demonstrates the money value of education to laboring men, in improved efficiency and trustworthiness. The superiority of educated laborers in social habits and morals, is also shown. But besides this valuable information—patent to all who will investigate—Prof. Eaton has issued a pamphlet (March, 1872,) on "Vital Statistics," in which he attempts to demonstrate the result of collegiate education as affecting longevity. The statistics of four colleges—Yale, Harvard, Dartmouth and Wesleyan—are given. A crisp editorial writer in a leading Ohio newspaper‡ publishes a savage criticism on Prof. Eaton's labors in

\* The "Vital Statistics of Michigan for 1870," is a volume of 386 pages of closely printed matter, handsomely bound in cloth, and illustrated with diagrams, &c.

† This law requires township assessors to report the number of marriages between blood relations; the number of idiots in each township or ward, etc.; the number of females engaged in prostitution; the number of houses of prostitution; the number of dozens of eggs shipped from Ohio; and the number of hives of bees and pounds of honey produced. The Auditor of State is required to certify these statistics as reported by counties, to the Secretary of State, who is directed to arrange and tabulate for his statistical report.

‡ Cincinnati Commercial, Oct. 26, 1872, says: "The number of Colleges in the United States is 363, so that these so-called statistics represent less than one-ninetieth numerically of American colleges. \* \* \* Of what possible interest is it where the college bred men were born, or what their occupations were, or at what age they died. \* \* \* Would it not be as well for Congress to lop off this superserviceable Bureau, which costs the present year \$35,000, besides printing."



this direction; claiming that statistics of this character are of no possible interest. The assumption, however, of the National Commissioner of Education, that collegiate training and professional life are favorable to longevity, is not controverted.

With the serene consciousness that my services as Commissioner of Statistics cost the State nothing, I wander from my legitimate domain, to observe: I have no theory on education that I am anxious to demonstrate by statistical tables, neither do I feel strong enough to dive into the much-stirred pool of social ethics; but if Prof. Eaton can demonstrate by statistics that college-bred men live longer than the average population, he will add a wholesome stimulant to the cause of education, and neither himself nor his bureau will have lived in vain.

It is certainly true that the best educated man, physical forces being equal, should be the longest lived—but the *most* educated man is quite often not the *best* educated. With my stock of intuition I fail to see in what manner a "Course" at the University is to prolong life. The curriculum of our Universities is notably deficient in physical culture. It usually embraces the knowledge of two dead languages, and the sensualistic literature of a dead civilization; with a limited amount of surface-polish in science, history, logic, physics and belles-lettres. That the senior sophister who has passed the ordeal of all this cramming for four years or more, is fortified for longevity, is evidently a mistake. He is more likely to carry home to his proud parents an impaired vitality and a bad digestion—a very poor base for longevity.

If Prof. Eaton should attempt to demonstrate, that a successful career in one of our American Universities indicates a robust \*manhood, he would doubtless succeed.

If it be assumed that a thorough mental discipline and culture is compatible with lengthened years—doctors of medicine, who make a life-study of the laws of physical being, should live longer than any other class, grade or occupation. Vital statistics do not prove this. The Hon. James Paget, F. R. S., in an address† at St. Bartholomew's Hospital, England, in 1869, gives the vital statistics of one thousand medical students. Of this number thirteen per cent. died within fifteen years. This

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\* NOTE.—It is remarked by high authority, that only the physically strong survive the severe Collegiate training—the weak perishing by the wayside. If this is true, a successful Collegiate career argues superior vital forces. It is hardly legitimate, therefore, to use the longevity statistics of those who survive the ordeal to prove the wholesome influence of a Collegiate course. On this basis war could be demonstrated a healthy business, because those soldiers who have the constitution to survive unimpaired the rigors of a campaign, generally live to a green old age.

† London Statistical Society.



is but one-tenth (1-10) per cent. below the average death-rate of the entire male adult population of \* England, which, according to the report of the Registrar General for 1869, contains over 19 per cent. of illiterates.

I further observe, that the jolly country gentleman—so admirably described by Brodrick—with education enough to understand the economical and legal questions which he is daily called upon to settle in practice; with leisure enough to follow the course of affairs both at home and abroad; with refinement enough to appreciate art and literature; with energy enough to enjoy a life of wholesome activity, is doubtless the best educated man for longevity.

SOME VITAL STATISTICS CONSIDERED.

In his interesting pamphlet on "The Vital Statistics of College Graduates," Prof. Eaton says:

"I hoped, when collecting material for this article, that there might be sufficient *data* for the partial elucidation of many interesting questions respecting the effects of collegiate training and professional life on the health and *number of descendants of educated men.*"

Upon the fecundity of the different classes and occupations of men, the vital statistics of Michigan are remarkably elaborate. I desire to call Prof. Eaton's attention to the report of that State for 1870. Among the birth tables for that year will be found a detailed statement of the parentage of 678 twin children. Of the 339 fathers of these 339 pairs of twin children, but seven were professional† men—three lawyers, two ministers and two physicians. One hundred and eighty-five were farmers, forty were laborers, twelve carpenters, eleven merchants, and the balance artisans of the various trades. I also find in the Michigan report the following table, which throws additional light upon this interesting question. I clip it bodily:

TABLE XIX.—*Exhibiting the details concerning Triplets born in Michigan during the year ending December 31, 1870.*

Counties where born.	Children.				Parents.		Occupation of father.
	Month of birth.	Color.	Male.	Female.	Birthplace of father.	Birthplace of mother.	
Bay .....	December	White.	1	2	Michigan .....	Ireland.....	Carpenter.
Hillsdale .....	December	White.	2	1	New York.....	New York.....	Farmer.
Lenawee .....	June ....	White.	3	...	Michigan.....	Pennsylvania...	Farmer.
Shiawassee .....	July .....	White.	2	1	Canada.....	New York.....	Laborer.

\* NOTE.—According to the "English Life Tables," out of every 1,000 males, who have attained the age of 19 years, 131 will die within fifteen years.

† The report does not state whether any of these were college bred men.

It will be observed that none of the fathers of these triplets are either scientists or classicists. Neither science nor the pagan classics can claim any credit for this exuberant fecundity.

I here close my observations on this branch of vital statistics. If the facts presented throw even a slender ray of light upon this profoundly mysterious question, I am content.

#### MARRIAGES.

The marriage statistics are reported to this office through probate judges, in whose offices the record of licenses are kept, and are for the year ending with March 31, 1872. The number of marriages within the year, as reported, is as follows :

By license .....	25,160
By banns .....	1,143
Total.....	26,303

NOTE.—This is exclusive of Coshocton county. The probate judge of that county could not be induced to report, either this year or for 1871.

The number of marriages reported in 1871 was as follows :

By license.....	24,271
By banns.....	356
Total.....	24,627
Increase in 1872 over 1871 .....	1,053

The average per year of marriages for the ten years, 1861 to 1871, is 24,387. The number this year is 1,150 above the average.

In 1860 the number of marriages was in the proportion of 1 to 101½ of the entire population; in 1870 the proportion was 1 marriage to 104¾. In Massachusetts the number in peaceful times is 1 to 100; in Michigan, by the report of 1871, 1 to 110; in Minnesota, by the statistics of 1870, 1 to 116; in New York, 1860, 1 to 135; in New York City, 1870, 1 to 118. The average for the United States in 1860 was 1 to 122. In Prussia the number is 1 to 106.

The population of England\* and Wales, by the census of 1871, is 22,704,108, and the number of marriages reported for the year ending

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\* Appleton's Journal, December 21, 1872, contains the following editorial: "In England the annual number of people who marry is 64 to 1,000; in Hungary, 72; in France, 57." This is simply impossible, as there are not in any country as large a proportion of unmarried in the entire population between 18 and 60 years. The actual proportion of marriages in England is 16 persons yearly to 1,000 population. My estimate on Ohio, Michigan, Minnesota, etc., is on the number of marriages, (2 persons.)

December 30, 1870, 181,482, or 1 to 125. The population of Scotland, by the census of 1871, is 3,666,375, and the number of marriages in that year was 23,788, or 1 to 141.

European marriage statistics show that men marry more frequently than women, because widowers marry in three or four times as many cases as widows. On the other hand, old maids marry more frequently than old bachelors. In France the ratio is as 62 to 52; in England, 63 to 61; Belgium, 43 to 37. In England the ratio of widowers to widows who marry is 66 to 21; in France, 40 to 12. Men marry most frequently in Europe between the ages of 20 and 25; in England, between 25 and 30. The statistics show that men under 20 generally marry women from two to three years their seniors, and men over 20 marry women from one to ten years younger than themselves.

It is probable that the actual marriage rate annually in Ohio, is greater in proportion to population, than in Massachusetts or any of the New England States. By an examination of the marriage returns as reported to this office, I find the counties bordering on Pennsylvania and Michigan, almost invariably return a less number of marriages in proportion to population, than the interior counties. This is doubtless owing to the fact that many marriages contracted in Ohio, are, for various reasons, consummated on this unlicensed territory. Williams county, bordering on Michigan, with a population in 1870, of 20,991, reported 157 marriages in that year. In the same year, Morgan county, with a less population—20,363—reported 174. Fulton county, bordering on Michigan, with a population of 17,789 in 1870, reported 121 marriages for that year. Marion county, with 1,605 less population, reported for same year, 164 marriages. Jefferson county, bordering on Pennsylvania, with a population in 1870, of 29,188, reported 248 marriages for that year; while Erie county, with 1,000 less population, reported 276 marriages. Mahoning county, bordering on Pennsylvania, with a population of 31,001, reported 186 marriages in 1870; while Fairfield county, with 31,138 population, reported for same year 255. Trumbull county, bordering on Pennsylvania, however, appears to be an exception to this rule, reporting 362 marriages in 1870; 319 in 1871 and 335 in 1872; population in 1870, 38,659. The young men and maidens there, take kindly and copiously to our license law.

The largest number of marriages reported in any year since 1859, is 30,479 in 1866; the smallest number is 19,300 in 1863. In 1863, one-third of all the marriagable young men in the State were in the army, which accounts for the small number of marriages that year. The large increase in 1866, is owing to the return of the soldiers from the war of the rebellion.

The following table exhibits the number of marriages in Ohio, for fourteen years:

1859.....	22,671
1860.....	23,106
1861.....	22,251
1862.....	19,540
1863.....	19,300
1864.....	20,881
1865.....	22,198
1866.....	30,479
1867.....	29,230
1868.....	28,231
1869.....	23,910
1870.....	25,459
1871.....	24,627
1872.....	26,303

The statistics of marriages, divorces and births, are supposed to give a fair insight into the morals of a people. Upon this estimate, the character of our population is substantially the same as nineteen years ago. There is about the same proportion of marriages to population, and about the same ratio of divorces to marriages. I have endeavored to collect with the reports of deaths, the number of married and single in each class—(classified as to age—see death tables;) but have failed.

#### MARRIAGE AS AFFECTING LONGEVITY.

Lord Neaves, in his address at Edinburgh, Scotland, August, 1871, before the British Association for the Advancement of Science, says of marriage as affecting life:

“One singular result that seems to have been established by the tables, that at every quinquennial period of life, from 20 years up to 85, married men die in Scotland at a much lower rate than unmarried men. Sometimes the difference is very great, particularly between 20 and 45, up to which period it approximates to as high a rate as two to one; but after that age, the difference, though less, is still very considerably in favor of married men. The subject is more complicated as regards women, from obvious causes, though here too, marriage seems to be the more favored state. Without professing myself an implicit believer in Darwin, I acknowledge the truth of several of his statements in his “Descent of Man,” as to what he calls sexual selection. As a general rule, the attachments that lead to marriage will be prompted by considerations that are intimately connected with health and strength.”

The salutary effect of marriage on longevity is clearly shown in a paper read quite recently by M. Bertillon before the Academy of Medicine in Paris. The statistics employed by the author were those of France, Hol-



land and Belgium. According to M. Bertillon, between the ages of 20 to 35, out of 1,000 married men, there are 6 deaths; out of 1,000 bachelors, 10 deaths, and 1,000 widowers, 22 deaths. Between 30 and 35 the deaths in the same number are: Married men, 7; bachelors, 11, and widowers,  $17\frac{1}{2}$ . Between 35 and 40 years of age the mortality per 1,000 is: Married men,  $7\frac{1}{2}$ ; bachelors, 13, and widowers,  $17\frac{1}{2}$ . Continuing these calculations through different series of years, the advantage on the score of longevity is always on the side of the married man. This advantage is not apparent in the case of females until the age of 30 is reached. In France, under 25, and in Paris, under 20, marriage is unfavorable to the sex. From 15 to 20, the deaths in 1,000 unmarried females is over  $7\frac{1}{2}$ , and among married females between these ages the mortality is over  $11\frac{1}{2}$ . From 20 to 25, the mortality among girls is nearly  $8\frac{1}{2}$  per 1,000; that of wives of the same age nearly 10. Above this age the advantage is on the side of married females, and from 50 to 55 the difference is more marked. Within those years the married women furnish from 15 to 16 deaths per 1,000, while the mortality of the single women and widows furnish 26 or 27 deaths.

Dr. Farr states that a woman aged 25 when she marries, extends her probability of life  $5\frac{1}{2}$  years.

In the tables of social statistics will be found the number of marriages in each county in Ohio for 1872.

#### DIVORCE.

The statistics of divorce are reported to this office by the Clerks of Court of the respective counties. The latest returns published are for the year ending with July 1, 1872. I have been unable to secure reports from Brown, Guernsey and Vinton counties for 1872. The returns, however, in the aggregate, are as complete as any heretofore published, from two to five counties usually being unreported.

The business in divorce for the years 1871 and 1872, is shown in the following statement:

Number of suits brought in 1871 .....	1,539
“ “ 1872 .....	1,574
Increase of 1872 over 1871 .....	<u>35</u>
Number of divorces granted in 1871 .....	1,077
“ “ 1872 .....	1,025
Decrease of 1872 under 1871 .....	<u>41</u>
Number of cases pending July 1, 1870 .....	722
“ “ 1871 .....	792

Of the cases pending July 1, 1870, with those brought during 1871, 631 were by husbands, and 1,391 by wives. Of the divorces granted in 1871, 323 cases were brought by husbands, and 754 by wives.

Of the cases pending July 1st, 1871, together with those brought in 1872, 644 were by husbands, and 1,498 by wives. Divorce was granted in 280 cases brought by husbands, and 746 cases brought by wives.

Among the tables of social statistics will be found a statement for 1872, by counties, of the causes for divorce.

Of the 1,026 divorces granted in 1872, 235 were for adultery, 443 for absence and neglect, 160 for cruelty, 122 for drunkenness, 15 for fraud, and 51 for miscellaneous\* causes.

Of the 280 divorces granted in 1872, where action was brought by husband, 106 were for adultery, 124 for absence and neglect, 20 for cruelty, 9 for drunkenness, 5 for fraud, and 16 miscellaneous.\*

Of the 746 divorces granted in 1872, where action was brought by wife, 129 were for adultery, 319 for absence and neglect, 140 for cruelty, 113 for drunkenness, 10 for fraud, and 35 miscellaneous.\*

It will be observed that less than one-half of the actions for divorce in Ohio are brought by husbands. In Vermont the husband is the libellant in 266, and the wife in 315 cases; in Massachusetts, the husband in 428 cases, and the wife in 866; and in Connecticut, in the years 1866-67, the husband in just one-third of the cases reported.

The following table shows the number of divorces granted in Ohio, with the cause therefor, during the last seven years:

	1866.	1867.	1868.	1869.	1870.	1871.	1872.
Adultery .....	389	317	233	249	267	277	235
Absence and neglect .....	394	417	365	460	451	445	443
Cruelty .....	134	132	114	156	156	172	160
Drunkenness .....	79	73	66	84	79	92	122
Fraud .....	30	10	9	13	23	27	15
Miscellaneous.....	133	26	60	41	32	64	51
Totals.....	1159	975	847	1003	1008	1077	1026

The number of divorces granted in Ohio in seven years, 1866-72, is 7,095; the greatest number of any year being in 1866. This is doubtless owing to the fact that a large number of imprudent and hasty marriages contracted during the war, mostly by soldiers home on leave, were annulled during that year.

In 1866, the divorces stood in proportion to the marriages as 1 to 26; in 1871 as 1 to 24; in 1872 as 1 to 25.

\* Where the cause is not known in this office.



The divorce laws of the various States are so widely different, that statistics of divorce are of little value in determining the relative stability and morals of society in different localities. Under the laws of Ohio, there are nine causes of action for divorce, and it is notorious that a large number of persons from other States, with more stringent laws, tarry with us yearly to patronize our courts and enjoy the relief of our divorce laws. In Indiana the non-resident divorce seekers are still more numerous, and we are credibly informed that not less than 2,000 divorces are granted in that State yearly. Chicago enjoys a wide reputation for divorce, and it is printed that the Divorce Courts in that city have an average capacity of 400 divorcees per annum. Cincinnati, a city with a fair reputation for divorce, was only able to turn out 113 during the current year.

The following is the divorce record of Vermont from 1860 to 1866 :

Year.	Divorcees.	Marriages	Ratio.
1860.....	94	2,179	1 to 23.2
1861.....	65	2,188	1 to 33.7
1862.....	94	1,962	1 to 21
1863.....	102	2,007	1 to 20
1864.....	98	1,804	1 to 18
1865.....	102	2,569	1 to 21
1866.....	155	3,001	1 to 19

The divorce record of Massachusetts from 1861 to 1864 shows an average ratio of 1 divorce to 44 marriages.

The divorce record of Connecticut in 1860 was 1 divorce to 13 marriages; in 1867, 1 to 10. The average ratio in Connecticut for seven years, 1860 to 1867, is 1 to 11. The divorces granted in that State from 1849 to 1859 were not so numerous, but for want of marriage statistics we are unable to give the ratio. Prof. Woolsey, President of Yale College, in his admirable work on Divorce, says of Connecticut:

“Thus Connecticut is at the bottom of the list altogether. The ratio of divorcees to marriages is here double what it is in Vermont, nearly four fold that in Massachusetts, and much more than double that in Prussia. There are absolutely more divorces in Connecticut, on the average, by 108 (viz., 364 every year), than in Massachusetts, a State with two and a half times as many inhabitants. There were, in 1866, more than half as many as in Ohio, a State with almost five times the population.”

Connecticut is known as “the land of steady habits,” and it is not possible that society is in the unstable condition which this divorce record indicates. The probability is that parties from other States are led to avail themselves of the freedom of her divorce laws.

Dr. Loomis, in his article on divorce legislation in Connecticut, attributes the frequency of divorce in that State to the very loose divorce laws. Of the four thousand divorces granted in Connecticut during the past fifteen years, more than half have been secured under a clause of the law allowing divorce for "general misconduct." This clause, Prof. Woolsey thinks, is immoral in its tendency, virtually offering a temptation to those who would escape the restraints and obligations of marriage.

The State Librarian of Connecticut says, in his report for 1867, that "the cause of 'misconduct,' under the *omnibus* clause of the act of 1849, is exerting increasing mischief, helping out other grounds where they are weak, and having a baleful, because a most indefinite and capricious, influence of its own."

The large divorce list of Prussia is the result of similar legislation. In 1840, in the district of Berlin, where the general code most prevailed, there were 57 divorces to every 100,000 inhabitants; while in the Rhine provinces, where the code Napoleon, which was very stringent regarding divorce, prevailed, there were only 4 divorces to every 100,000 inhabitants.

It seems worthy of note that the freedom of divorce, as shown by the statistics of Connecticut and Prussia, is no check upon the graver crimes, such as adultery, every where recognized as cause for divorce.

In our tables of social statistics will be found the number of divorces, by counties, with cause thereof.

## BIRTHS AND DEATHS.

The number of births and deaths is reported to this office through Probate Judges, under the act of April 30, 1869. The statistics are collected by township assessors, except in Hamilton county, where the physicians, midwives, sextons, &c., make return. The number of births and deaths reported is, doubtless, a small per cent. below the actual number, as township assessors generally consider their only important duty to be the assessment of property. The present law, however, is much more effective than the law of 1867.

### BIRTHS.

The birth statistics are for the year ending with March 31st, 1872. I have complete returns from every county in the State except Coshocton. The Probate Judge of that county declined to report either this year or last.

The number of births reported for 1872 is :

	Legiti- mate.	Illegiti- mate.	Total.
White males .....	30,860	164	31,024
“ females.....	28,581	139	28,720
Colored males.....	787	43	830
“ females.....	523	38	561
Sex not reported.....	75	....	75
Totals.....	60,826	384	61,210

The number of births reported in 1871 was 59,957 ; in 1870, 61,198.

In Michigan births and deaths are returned by township supervisors and ward assessors to county clerks. The informing officers are allowed 10 cents for each birth or death reported, and the county clerk a small compensation for his returns to the Secretary of State. This law has proved remarkably effective, and Michigan is thus enabled to present very satisfactory statistics of this class. The number of births in Michigan in 1870 was 26,663, of which 155 were illegitimate. Population of the State, 1,184,059; number of inhabitants to each child born, 43.43.

In Michigan 5.81 per cent. of births are illegitimate, in Ohio 6.27 per cent. In Scotland, by the returns of Sept. 30, 1871, the per cent. of illegitimates is 9.1 in the towns, and 9.9 in the rural districts.

Take the two States, Ohio and Michigan, and the yearly per cent. of births is 2.27. In Scotland, for the year 1870, the per cent. was 3.46. In England and Wales, taking the census of 1871, the number of births for the year ending Dec. 30, 1870, in a population of 22,704,108, was 729,129, or 3.5 per cent.

The following table, consolidated for this report, shows the number of legitimate and illegitimate births for the years designated in various foreign countries :

	Year.	Legitimate.		Illegitimate.	
		Male.	Female.	Male.	Female.
Russia .....	1858	1,421,325	1,355,306	61,907	58,684
Austria .....	1857	664,194	627,763	75,514	71,580
France .....	1860	454,462	433,116	35,184	34,113
England and Wales .....	1860	327,640	312,715	22,159	21,534
Prussia .....	1861	340,848	322,016	30,919	29,235
Spain .....	1861	298,137	279,347	17,447	16,678
Bavaria .....	1860	63,287	59,391	18,990	18,435
Belgium .....	1860	69,107	65,089	5,261	5,211
Scotland .....	1871	Male & Fem	28,689	Male & F.	2,711
Ohio .....	1872	31,854	29,281	207	177

It will be seen that the number of illegitimate births in foreign countries is much greater, in proportion to the entire number of births, than in our own. This is owing, in a great measure, to our better legislation\* and to the equality of our laws.

The class distinctions which prevail in monarchical countries, making marriage between the high and low classes illegal, or a social offense, tend, no doubt, to increase the number of illegitimate births.

In English-speaking countries, the per cent. reported is less, owing, doubtless, to the Puritanical ostracism which follows the mother of an illegitimate child. In Bavaria, where a system of concubinage obtains, the proportion of illegitimate births is nearly one-third of the entire number.

As a test of social morals, this class of statistics is, however, exceedingly uncertain. Lord Neaves says, upon this subject: "In Scotland, there is, undoubtedly, a considerable proportion of births that are illegitimate; but the proportion varies much in different localities. Ten per cent. is not, by any means, the highest proportion; but let us suppose two districts A and B, where the proportion is smaller, say five per cent. in each, what does it indicate? It *may* proceed from a greater degree of moral purity, as fewer examples of unmarried cohabitation will, of course, diminish the number of illegitimate births. But the small proportion of those births *may* possibly be produced by a totally opposite cause; for it is equally certain that extreme licentiousness of morals, and especially any professional profligacy among women, has a tendency to diminish the number of births. So that District A, with a small percentage of illegitimate births, may be a very moral district, and district B, with the same small percentage, may be full of prostitutes and other dissolute women, who, from that very character, seldom or never give birth to children."

#### DEATHS.

The statistics of mortality are for the year ending with March 31st, 1872. I have no reports from either Coshocton or Highland counties. The Probate Judge of Highland county endorses the following in his blank return: "The returns to my office are so incomplete, and generally so imperfect, that it is simply impossible to fill this. Three-quarters of the men elected assessors are careless to the last degree in reporting this class of statistics."

The total number of deaths in 1872, as reported, is 25,202. In 1871 the

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\*In the United Kingdom of Great Britain the only action that can be brought, in case of bastardy, is by the father or guardian of the girl for loss of service during confinement, etc.

number was 25,149. In 1870, according to the returns of the Federal census, the number of deaths in Ohio was 29,568—15,724 males and 13,844 females. According to my report for that year, the number was 23,683, (Ottawa county not reported.) This is a difference of 5,885, or 19.1 per cent. It is probable that five per cent. will cover the omissions for 1872, as the law of 1869 is now far more effective than the year following its passage.

This year a vast amount of labor has been bestowed upon this class of statistics. Among the tables of vital statistics will be found a classified list of white and colored, male and female, with the death rate at all ages, from birth to 110 years.

During the present year, 11 persons have died in Ohio over 100 years old. One, Matthias Colcher, from Muskingum county, at the advanced age of 111 years; 197 persons died between 90 and 100, and 910 between 80 and 90.

The largest number of deaths in 1872 is between birth and 7 years—9,178; the next largest between 20 and 30—2,322; the smallest number, up to 80 years, is between 7 and 14—1,192.

The number of white males who died in 1872 is:

From ordinary causes.....	12,021
From epidemic or unnatural diseases.....	480
From accident or violence.....	639
Total .....	13,140

The number of white females who died in 1872 is:

From ordinary causes.....	10,780
From epidemic or unnatural diseases.....	416
From accident or violence.....	209
Total .....	11,405

The total number of deaths in 1872, among whites, male and female, is 24,545; total colored, 657.

The total white population of Ohio, by the census of 1870, is 2,601,946; the total colored is 63,213. The yearly death rate among whites is 1 to 106; among colored, 1 to 96.

Michigan, with a population of 1,184,059, by the last census, reported 10,766 deaths in 1870, being at the rate of 1 to 109.9.

In 1860, seven States, Vermont, Massachusetts, Connecticut, Rhode Island, New Jersey, North Carolina and Kentucky, reported vital statistics. In addition to these States, vital statistics are now collected in



Minnesota, California and Michigan. Since 1870, Massachusetts has had a State Board of Health, charged with the supervision of vital statistics; and California, Virginia, Louisiana, Minnesota and Michigan have followed the example of Massachusetts. Excepting Michigan, I have no late vital statistics from any of these States, by State authority.

The vital statistics collected under the Federal census are not yet published, so that it is impossible to make comparisons. It is probable, however, that the death rate in Michigan is as low as any Western State, excepting Minnesota.

By the census of Great Britain for 1871, the deaths in Scotland in that year were 1 to 50. In England and Wales the total number of deaths in 1870 was 515,544. In 142 districts and 56 sub-districts, comprising the chief towns, and including 10,930,841 inhabitants, the rate of mortality was 24.8 for every 1,000 persons, or 1 to 40.2. In the remaining country, comprising the small towns and parishes, and including 9,135,383 inhabitants, the rate of mortality for 1,000 persons was 20.1 or 1 to 49.7.

Following is a table exhibiting the average number of persons living at three different periods of life—20, 40 and 60—out of one million born in the countries named. The estimate for the foreign countries is from a pamphlet by Dr. Edward Jarvis. The estimate for Ohio is based upon the mortality statistics of three years, 1870-71-72:

TABLE showing the Number Living out of one million Born, at twenty, forty and sixty years, in Ohio and various Foreign Countries.

Ages.	Sweden.	England.	France.	Holland.	Belgium.	Ireland.	*Ohio.
20.....	669,800	662,756	629,901	609,020	534,500	501,500	786,593
40.....	567,000	538,584	464,869	429,840	408,890	396,200	728,424
60.....	384,900	367,827	205,006	311,730	272,420	189,500	614,514

The average number of births in Ohio per year for three years is 60,788. I estimate that 60,000 births annually would maintain a population as follows: Aged 20, 47,195; aged 40, 43,705; aged 60, 36,870, and a constant population of 3,480,537. It is estimated that one million births each year through several generations, will support a constant population in England of 40,858,204; in France, 34,938,543; in Ireland, 22,505,101.

Here I drop this solemn subject.

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\* NOTE.—In the estimate for Ohio I am aided by the "Life Tables" prepared by Dr. Baker, of the Michigan State Medical Society.



## SUMMARY.

The following table exhibits the marriages, births, and deaths in Ohio for three years :

Years.	1872.	1871.	1870.
Marriages .....	26,303	24,627	25,459
Births .....	61,210	59,957	61,198
Deaths.....	25,202	25,149	*29,568

## WILLS, LETTERS OF ADMINISTRATION, &amp;C.

In the marriage tables will be found also the number of wills, letters of administration, guardianship, &c. These statistics are returned to this office through probate judges.

## NATURALIZATIONS.

The number of persons naturalized in Ohio by probate judges for the year ending March 31, 1872, (Coshocton county not reported,) is 3,001, distributed as follows :

England, Scotland, and Wales .....	422
Canada .....	54
Ireland .....	615
Germany .....	1,118
Other countries† .....	792
Total .....	3,001

The following table shows the naturalization statistics of the State from 1859 to 1872, inclusive :

\* By Federal census. Insurance companies report more than an average rate of mortality in 1870. The Medical Society of Michigan report an increased death-rate in that State.

† Principally from France, Austria, Russia, etc.

Year.	England, Scotland, and Wales.	Ireland.	Germany.	Other coun- tries, and unknown.	Total.
1859 .....	798	1,881	4,720	1,434	8,933
1860 .....	1,053	1,710	6,177	1,509	10,479
1861 .....	2,331	2,108	5,949	1,855	11,233
1862 .....	250	430	975	208	2,036
1863 .....	276	509	1,273	764	2,822
1864 .....	742	990	2,334	460	4,983
1865 .....	446	519	1,676	229	2,885
1866 .....					
1867 .....					
1868 .....	425	1,102	1,298	278	3,103
1869 .....	1,421	2,408	1,316	969	6,114
1870 .....	401	710	740	168	2,019
1871 .....	459	683	925	232	2,299
1872 .....	422	615	1,118	846	3,001
Total for twelve years .	9,044	17,665	23,501	7,691	66,901

A complete list of the naturalizations by counties will be found in the social statistics tables.

#### SCHOOL STATISTICS.

I print four tables of School Statistics. No. 1 giving the population of each county, the amount of taxable property on duplicate, and the enumeration of youths of school age, as ascertained by Prof. Harvey, State School Commissioner. This table also shows the per cent. the enumeration is to population, and the amount of taxable property represented by each youth. Following "Table No. 1," I print Table No. 2, which shows the amount of school attendance and illiteracy in the State. This table was consolidated in this office from the census of 1870. These two tables are highly interesting, as demonstrating the inequality of the apportionment of money under the school law. By the enumeration, as furnished by Prof. Harvey, under which the school fund is distributed, one county, with a total population of 18,177, reports 10,360 youths of school age. The same county, by the census, had in 1870, 4,253 youths attending school. By comparing the two tables many other marked cases will be noted.

#### ILLITERATE.

"Table No. 2" also contains a list, by counties, of all persons, 10 years old and over, who cannot read. Of this class, we have in Ohio 92,720.

Immediately following I print "Table No. 3," showing the illiterates in the State, by counties, who cannot write, with age, sex, color, etc., from 15 to 21 years and over. The total number of these illiterates is 173,172; 134,102 native, and 37,070 foreign born.

Gen. Walker, Superintendent of the Census, has published in his volume of population statistics a lithographed map, representing, in dark and light shades, the degrees of illiteracy in the several States. This map shows about one-quarter of Ohio with less than 5 per cent. of illiteracy; about one-half with from 5 to 11 per cent.; and about one-quarter from 12 to 20 per cent. There is a black cloud of 60 per cent. and over of illiteracy hanging over a large portion of the Southern States. No portion of the old South, except a sparsely settled district in north-western Texas, shows less than from 21 to 39 per cent. of illiteracy. Of course the large colored population so recently released from slavery adds largely to the per cent. of illiteracy in that section.

Ohio averages well with the Northern States, except Maine, New Hampshire and Vermont. The illiterates of these States are less than five per cent. of the population. This is accounted for from the fact that all of Maine, four-fifths of Vermont, and the northern half of New Hampshire, contain less than five to the square mile of foreign\* population; while Ohio, in large districts, contains from 10 to 20.

Georgia, by the census of 1870, has 418,553 persons 10 years old and over, who cannot read, and 468,593, 10 years and over, who cannot write, out of a population of 1,184,109. This is the largest crop of any State in the Union. Of the 468,593 who cannot write (which includes all who cannot read), 343,637 are colored, and 124,956 are whites. Of the colored illiterates, 212,911 are over 21 years. An analysis of the population of Georgia in 1870 shows a colored population of 545,142. Virginia ranks next to Georgia in the number of illiterates, and beats Georgia in per cent. of illiteracy; there being 390,913 in that State over 10 years who cannot read, and 445,893 who cannot write, out of a population of 1,225,163. Of the number who cannot write, 223,658 are whites, and 222,235 colored. An analysis of the entire population shows 712,089 whites and 512,841 colored. These statistics demonstrate that in Virginia the struggle between the two races has been close.

Under the head of Census Statistics, I expect to print a table showing the illiteracy of all the States in the Union.

#### ILLITERACY IN PRUSSIA.

To illustrate the success of compulsory education in Prussia, I print a table which needs no explanation. This table is a compilation of the result of annual examinations for recruits for the army for the years designated:

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\* Maine has 48,881 foreigners, New Hampshire, 26,611, and Vermont, 47,155. Ohio has 372,493.

1868-69.			1869-70.				
Provinces.	Percentage.		Provinces.	No. of recruits.		Percentage.	
				Total.	Not able to read.		
1 Nassau-Frankfort.....	0.45	1	Hohenzollern.....	227	-----	0.00	
2 Saxony.....	0.53	2	Hesse-Nassau.....	4,359	10	0.22	
3 Hesse.....	0.55	3	Lauenburg.....	174	1	0.57	
4 Brandenburg.....	0.65	4	Brandenburg.....	7,836	47	0.59	
5 Schleswig-Holstein.....	0.67	5	Schleswig-Holstein.....	2,748	19	0.67	
6 Rhine Province.....	0.81	6	Rhine Province.....	11,188	84	0.75	
7 Lauenburg.....	0.81	7	Saxony.....	7,516	28	0.87	
8 Hanover.....	1.08	8	Hanover.....	6,188	54	0.98	
9 Pomerania.....	1.24	9	Pomerania.....	4,955	47	1.08	
10 Westphalia.....	1.62	10	Westphalia.....	5,806	60	1.08	
11 Silesia.....	3.05	11	Silesia.....	12,605	361	2.86	
12 Prussia.....	13.26	12	Prussia.....	10,809	1,183	11.00	
13 Posen.....	14.73	13	Posen.....	5,577	802	14.38	
Total.....	3.94		Total.....	80,028	2,696	3.37	

That even in the province of Posen, which ranks lowest, great progress has been made, the following figures will show: in 1836-37 the percentage of illiteracy among the recruits was 46.02. During the years 1855-59 the subject of nationality and religion was considered at the examination of recruits in the province of Posen, and the following result was obtained: There were unable to read and write, 5.45 per centum of the German recruits and 26.64 of the Polish.

#### GENERAL SCHOOL STATISTICS OF PRUSSIA.

There are in the old provinces 27,073 elementary schools of different grades, with 43,143 teachers and 3,005,080 scholars. The number of teachers' seminaries is 88, and besides these 38 private institutions educate teachers of both sexes. The number of gymnasia is 204; the number of real schools and higher burgher schools is 157. There are ten universities, viz: Berlin, Halle, Greifswald, Breslau, Königsberg, Münster, Bonn, Kiel, Marburg, and Göttingen. The number of students at all the Prussian universities is 7,195, viz: Theology, 1,837; law, 1,226; medicine, surgery, and pharmacy, 1,502, and philosophy and philology, 2,630. The total number of professors is 816. Of special schools Prussia possesses the following: 13 schools of architecture; 10 schools of mining; 6 schools of forestry; 9 commercial academies; 27 military schools of different grades; 40 schools of agriculture and horticulture; 16 nautical schools; 4 schools of veterinary surgery; 7 schools of music; 42 polytechnic schools

of different grades. At Berlin there is a seminary for the education of ladies intended to teach in Kindergartens; it was founded in 1861, and up to the present time 215 ladies have graduated from this institution.

The annual government expense for elementary instruction is about 1,307,547 thalers, (=75 cents, gold, each.)

#### THE OHIO AGRICULTURAL COLLEGE.

In 1862 Congress made a grant of land to each of the States (30,000 acres for each Senator and Representative in Congress) to aid in founding Agricultural and Mechanical Colleges. On this basis Ohio received 630,000 acres.

The Ohio Agricultural College was incorporated by an act of the General Assembly of Ohio, passed March 22, 1870. On the 18th of April following an additional act was passed, authorizing the several counties of the State to raise money to secure the location of the College. Franklin county raised \$300,000, and was awarded the College by the Board of Trustees in September of the same year. The Board located the College on the Neil farm, two miles north of the State House, a tract of 523 acres, for which they paid \$111,000. The College building is now up and covered, and will be ready for occupation in the autumn of 1873. The fund derived from the sale of Congressional land scrip is on interest at six per cent. By the time the College is completed the endowment fund will reach \$500,000, yielding \$30,000 annually.

#### THE TOLEDO UNIVERSITY OF ARTS AND TRADES.

This institution is a recent incorporation organized to receive and carry out the provisions of a donation in trust to them made by Jesup W. and Susan Scott, of Toledo, of 160 acres of land on the border of that city, for the purpose of organizing a Technological Institute of a comprehensive character. The value of the land was \$80,000. It is not to be sold, but by the terms of the grant a small part is dedicated to the buildings for the University, and the remainder is to be leased in city lots, when called for, to make a fund for the uses of the trust. Wm. H. Raymond, of California, has rendered valuable aid to the incipient University by contributing a building in the city, to be used as a nucleus for the library, and a lecture hall for the first lectures of the University. It is hoped that an institution of such vast importance to the material interests of the State will not rest for its maintenance on the accident of private beneficency. This is the first institution of this class that has been established in the west, and, I believe, the second in the United States.



*Number of Marriages, Wills admitted to Probate, Letters of Administration and Guardianship, etc., for the year ending with March 31st, 1872.*

COUNTIES.	MARRIAGES.			WILLS, LETTERS OF ADMINISTRATION, GUARDIANSHIP, ETC.						
	By license.	By banns.	Total.	Number of wills admitted to probate.	Number of letters of administration issued.	Number of letters of guardianship issued.	Number of children included.	Number of insane persons included.	Number of idiots included.	Number of aged persons included.
Adams .....	19-	1	199	17	34	30	6	2	1	2
Allen .....	222	23	247	19	30	44	76	3	2	...
Ashland .....	201	...	204	27	44	24	62	2	...	...
Ashtabula .....	249	...	249	60	65	30	39	4	...	...
Athens .....	231	...	231	17	20	17	27	1	...	...
Auglaize .....	19-	16	208	17	26	22	71	1	...	...
Belmont .....	30-	...	30-	40	64	44	75	1	...	1
Brown .....	281	...	281	26	27	22	41	2	1	...
Butler .....	293	4	297	37	72	65	107	3	...	1
Carroll .....	134	4	138	22	39	20	38	3	...	1
Champaign .....	247	...	247	27	28	27	39	3	...	...
Clarke .....	318	...	318	27	39	47	91	1	1	1
Clermont .....	285	1	286	32	57	30	58	...	...	3
Clinton .....	212	...	212	17	27	29	40	1	1	3
Columbiana .....	316	...	316	63	95	49	82	7	...	...
Coshocton .....	...	...	...	...	...	...	...	...	...	...
Crawford .....	240	1	247	23	44	23	54	2	2	...
Cuyahoga .....	14-4	150	1634	120	137	136	264	20	...	...
Darke .....	353	2	355	27	70	52	130	2	1	...
Delance .....	114	6	150	9	10	27	67	...	...	...
Delaware .....	289	...	289	22	47	71	110	0	...	...
Erie .....	269	2	271	18	14	33	60	...	...	2
Fairfield .....	261	3	264	24	59	48	75	0	2	4
Fayette .....	156	...	156	9	23	23	46	...	...	2
Franklin .....	650	...	650	57	114	61	119	2	...	...
Fulton .....	140	4	150	17	25	19	35	...	1	1
Gallia .....	267	...	265	19	31	31	60	1	1	1
Geauga .....	138	...	138	17	24	20	28	2	2	1
Greene .....	264	...	264	27	52	40	80	1	2	1
Guernsey .....	242	...	242	32	45	24	47	3	...	...
Hamilton .....	2516	765	3281	110	449	222	436	11	...	...
Hancock .....	270	...	270	17	26	35	63	1	...	...
Hardin .....	209	...	209	13	32	27	67	...	...	...
Harrison .....	176	...	176	21	19	20	41	1	...	...
Henry .....	134	5	139	6	16	16	29	...	...	...
Highland .....	264	...	264	20	46	43	64	5	1	1
Hocking .....	187	...	187	14	15	15	30	...	...	...
Holmes .....	204	...	204	19	30	25	34	1	1	1
Huron .....	284	...	284	33	39	22	62	...	...	...
Jackson .....	186	...	186	15	28	18	28	2	...	2
Jefferson .....	255	...	255	36	32	31	70	2	...	...
Knox .....	295	...	295	18	37	45	79	3	2	1
Lake .....	125	...	125	19	23	22	21	...	1	...
Lawrence .....	320	...	320	13	25	32	58	...	1	1
Licking .....	330	...	330	31	42	29	84	2	1	3
Logan .....	301	...	301	20	24	32	70	2	2	...
Lorain .....	310	...	310	57	59	36	80	2	2	...
Lucas .....	500	40	540	36	93	47	109	1	...	...



*Number of Marriages, Wills admitted to Probate, &c., &c.—Continued.*

COUNTIES.	MARRIAGES			WILLS, LETTERS OF ADMINISTRATION, GUARDIANSHIP, ETC.						
	By license.	By banns.	Total.	Number of wills admitted to probate.	Number of letters of administration issued.	Number of letters of guardianship issued.	Number of children included.	Number of insane persons included.	Number of idiots included.	Number of aged persons included.
Madison .....	141	...	141	11	19	25	49	3	...	...
Mahoning .....	219	11	230	43	32	40	64	6	1	...
Marion .....	161	...	161	16	24	34	60	...	1	...
Medina .....	176	...	176	30	32	23	40	1	...	...
Meigs .....	281	...	281	21	28	26	41	...	...	...
Mercer .....	124	20	144	10	16	28	53	...	...	...
Miami .....	331	...	331	23	59	36	60	5	1	1
Monroe .....	218	1	219	15	30	19	40	2	...	...
Montgomery .....	623	...	623	72	122	67	105	6	1	3
Morgan .....	195	...	195	14	22	26	47	1	...	...
Morrow .....	159	...	159	24	25	36	36	1	...	1
Muskingum .....	412	3	415	65	92	44	75	5	1	...
Noble .....	179	1	180	20	35	12	26	...	1	1
Ottawa .....	123	...	123	18	21	13	18	...	...	...
Paulding .....	89	...	89	8	12	14	20	1	...	1
Perry .....	192	...	192	21	17	20	55	3	1	...
Pickaway .....	202	...	202	9	31	34	64	4	...	...
Pike .....	137	...	137	14	13	14	33	1	2	...
Portage .....	270	...	270	44	28	38	32	5	1	...
Preble .....	185	...	185	26	38	22	35	8	...	1
Putnam .....	128	19	147	10	17	29	40	...	1	...
Richland .....	329	3	332	40	69	35	64	3	3	...
Ross .....	339	...	339	33	25	37	62	...	1	...
Sandusky .....	256	32	288	8	23	28	33	6	...	1
Scioto .....	298	...	298	17	28	36	62	2	...	...
Seneca .....	277	10	287	32	59	37	98	2	...	...
Shelby .....	185	7	192	10	25	37	76	3	...	...
Stark .....	413	...	413	59	89	69	123	...	7	1
Summit .....	300	...	300	49	51	39	57	9	1	1
Trumbull .....	335	...	335	37	54	37	69	5	...	...
Tuscarawas .....	323	...	323	33	48	42	77	3	...	1
Union .....	182	...	182	16	15	23	36	...	...	1
Van Wert .....	203	...	203	10	13	21	53	1	...	1
Vinton .....	121	...	121	4	9	13	23	2	...	...
Warren .....	231	...	231	30	53	24	39	2	...	...
Washington .....	408	...	408	30	54	33	69	1	...	...
Wayne .....	330	4	334	32	64	55	95	7	...	2
Williams .....	148	...	148	15	37	25	37	3	1	1
Wood .....	229	5	234	5	15	27	54	1	...	1
Wyandot .....	187	...	187	13	20	18	32	1	...	...
Total .....	25,166	1143	26,303	2349	3767	3064	4672	220	52	50

*Consolidated Table, Showing Suits for Divorce, with Cause, for the year ending July 1, 1872.*

Cause.	SUITS FOR DIVORCE.																
	Number pending July 1st, 1871.	Number brought within the year.	Total.	Number decided within the year.	Number still pending.	Number brought by husband.	Number brought by wife.	Number wherein alimony was allowed to wife.	Results.						Cnstody of children.		
									Granted when brought by husband.	Granted when brought by wife.	Refused when brought by husband.	Refused when brought by wife.	Dismissed when brought by husband.	Dismissed when brought by wife.	Number of cases wherein question was raised.	Given by father.	Given by mother.
Adultery .....	230	331	557	330	231	24	20	76	106	120	8	4	51	37	59	29	86
[neglect Absence and	250	615	901	595	306	272	56	143	124	319	18	22	41	71	109	14	151
Cruelty .....	139	315	454	268	186	51	348	83	20	140	13	10	8	72	58	6	68
Drunkenness ....	101	164	265	160	99	20	216	49	9	113	6	4	2	32	37	2	53
Fraud .....	20	20	40	24	25	19	18	3	5	10	2	1	6	.....	.....	.....	.....
Miscellaneous ..	40	90	130	99	31	34	87	19	16	3	4	16	10	18	20	11	14
Totals .....	798	1574	2366	1488	877	644	1498	373	280	746	51	57	118	230	283	62	377



## Number of Suits brought for Divorce for year ending June 1, 1872—Con

COUNTIES.	Suits for Divorce.														Custody of children.	
	Number pending June 1, 1871.	Number brought within the year.		Number decided within the year.	Number still pending.	Number brought by husband.	Number brought by wife.	Number wherein alimony was al- lowed to wife.	Results.							
									Granted when brought by husband.	Granted when brought by wife.	Refused when brought by husband.	Refused when brought by wife.	Dismissed when brought by husband.	Dismissed when brought by wife.	Number of cases wherein question was raised.	Given to father.
		Total.														
Logan .....	3	7	10	7	3	6	4	2	3	3	1	...	...	...	...	1
Lorain .....	2	29	31	20	11	9	22	11	3	11	...	...	3	...	7	1
Lucas .....	12	31	43	29	14	15	27	1	3	10	1	1	5	...	4	4
Madison .....	1	1	2	7	...	...	2	1	...	1	...	1	...	...	...	...
Maioning .....	15	21	36	22	7	5	31	15	3	16	...	...	...	7	12	1
Marion .....	4	16	20	15	5	7	12	5	4	8	...	...	2	1	6	6
Medina .....	3	9	12	16	2	3	9	7	1	4	1	2	1	1	2	1
Meigs .....	3	7	11	9	2	6	5	1	4	4	...	...	...	1	...	1
Mercer .....	4	7	12	9	3	4	7	4	3	3	...	...	...	3	...	2
Miami .....	3	20	23	16	7	9	14	1	3	5	...	...	3	5	...	1
Monroe .....	2	5	7	7	...	3	4	2	2	2	...	...	1	2	1	...
Montgomery ..	49	64	113	69	47	31	74	7	13	24	1	...	8	20	3	10
Morgan .....	4	17	21	19	2	5	16	12	4	11	...	...	...	11	2	9
Morrow .....	18	17	35	27	8	7	28	7	5	15	...	1	1	5	11	2
Muskingum ..	10	12	22	17	5	8	14	4	5	10	...	1	1	...	6	3
Noble .....	...	7	7	4	1	3	2	1	1	2	...	...	1	...	1	...
Ottawa .....	...	5	5	5	...	1	4	1	1	4	...	...	...	...	1	4
Paulding .....	3	10	15	12	1	5	8	4	1	7	...	...	...	...	2	2
Perry .....	1	3	4	2	2	2	2	...	1	...	...	...	...	1	...	...
Pickaway .....	6	11	17	8	9	6	11	2	1	5	...	...	1	1	...	4
Pike .....	1	1	2	...	...	1	1	...	1	1	...	...	...	...	...	...
Portage .....	7	22	29	25	4	7	22	4	6	11	...	...	1	4	0	5
Preble .....	2	17	19	16	3	5	14	11	2	11	...	...	...	3	1	10
Putnam .....	5	9	14	10	4	3	11	4	1	5	...	...	1	3	1	2
Richland .....	6	11	17	11	6	2	17	6	1	6	1	1	...	1	...	...
Ross .....	5	17	22	17	7	6	16	2	2	12	1	...	...	2	5	10
Sandusky .....	4	7	11	6	5	3	7	1	4	2	...	...	...	...	...	...
Scioto .....	7	13	21	14	7	12	9	...	5	4	...	...	4	1	2	...
Seneca .....	2	30	32	31	1	10	22	3	7	15	1	...	1	7	...	7
Shelby .....	5	2	7	4	2	2	5	...	2	...	...	...	...	2	1	1
Stark .....	15	22	37	23	14	15	22	2	3	8	...	1	6	5	7	6
Summit .....	3	24	27	23	4	6	21	9	2	12	...	...	1	8	...	9
Trembulla .....	16	32	51	35	20	16	39	13	4	21	...	...	5	5	10	9
Tuscarawas ..	2	19	21	16	5	5	16	...	3	12	...	...	1	...	1	5
Union .....	1	9	10	5	5	6	4	...	2	...	...	...	1	2	...	...
Van Wert .....	...	13	13	11	2	4	9	4	...	11	...	...	...	...	1	4
Vinton .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warren .....	12	7	19	10	9	7	12	3	3	4	...	...	2	1	2	2
Washington ..	12	27	40	22	18	13	27	2	4	10	...	...	1	7	...	3
Wayne .....	5	9	14	7	7	4	10	4	2	4	...	...	...	1	...	1
Williams .....	1	10	11	8	3	3	8	1	1	6	...	...	1	...	...	1
Wood .....	1	35	31	23	11	12	22	5	4	11	...	1	2	5	...	2
Wyandot .....	3	17	21	17	4	3	18	2	2	6	...	6	1	2	4	4
Totals .....	792	1574	2366	1488	878	644	1498	373	280	746	51	57	118	230	283	377

Table exhibiting number of Births, by Counties, for the year ending March 31st, 1872.

COUNTIES.	BIRTHS.										TOTALS.
	LEGITIMATE.					ILLEGITIMATE.					
	Male.		Female.		Sex not reported.	Male.		Female.			
	White.	Colored.	White.	Colored.		White.	Colored.	White.	Colored.		
Adams .....	266	8	262	6		4	2	4	1	554	
Allen .....	363	9	346	1		1		2		722	
Ashland .....	311	1	264			2		1		579	
Ashtabula .....	318	1	285	3						607	
Athens .....	316	10	290	10		3	1	2		632	
Anglaize .....	390	2	399							791	
Belmont .....	442	10	442	17		6	2	7		933	
Brown .....	317	21	303	20		4		2	1	668	
Butler .....	366	6	332	5		5	3	3	8	728	
Carroll .....	194	2	183	1		1		2		383	
Champaign .....	200	10	205	12						427	
Clarke .....	382	25	344	34						785	
Clermont .....	304	14	285	22						625	
Clinton .....	236	5	232	10						483	
Columbiana* .....	550	9	571	8						1,138	
Coshocton .....											
Crawford .....	370	1	325			2		1		699	
Cuyahoga* .....	1,622	12	1,439	9						3,082	
Darke .....	547	8	510	4		2		3		1,074	
Defiance .....	222		221	1						444	
Delaware .....	236	15	205	6						462	
Erie .....	330	3	310	7		3		2		654	
Fairfield .....	391	2	379	4		3	2	2		784	
Fayette .....	244		224					2		470	
Franklin .....	691	20	579	19						1,309	
Fulton .....	235		234					2		471	
Gallia .....	301	27	292	40		4	3	3	1	671	
Geauga .....	105		82			1		2		190	
Greene .....	307	23	233	26		4	3	2	2	600	
Guernsey .....	242	1	250	3		4		3		503	
Hamilton .....	2,054	38	2,135	18	64	18	4	12	1	4,344	
Hancock .....	363		364							727	
Hardin .....	294	1	272	6						573	
Harrison .....	224	5	206	9			1	1		446	
Henry .....	210		177			1				388	
Highland .....	299	9	279	11					1	599	
Hocking* .....	280		247	3						530	
Holmes* .....	213		195							408	
Huron .....	327		288	3						618	
Jackson .....	264	6	276	10		4		1		561	
Jefferson .....	370	11	361	8		5	1	1	1	758	
Knox .....	188	1	202	1						392	
Lake .....	131		85			1		3		220	
Lawrence .....	441	9	452	10		7	2	6		930	
Licking .....	382	2	361	1		4		1		751	
Logan .....	300	8	268	7		2	2	1	1	589	
Lorain .....	306	9	264	15						594	
Lucas † .....	750		543			6		7		1,306	



*Number of Births, by Counties—Continued.*

COUNTIES	BIRTHS.								TOTALS.	
	LEGITIMATE.					ILLEGITIMATE.				
	Male.		Female.		Sex not reported.	Male.		Female.		
	White.	Colored.	White.	Colored.		White.	Colored.	White.		Colored.
Madison .....	192	6	179	5						382
Mahoning.....	337	6	314	2		2				661
Marion .....	191		150		11					352
Medina .....	206	1	191							392
Meigs .....	443	20	412	21		2	3	1	2	904
Mercer .....	261	2	271	5				2		541
Miami .....	328	8	307	6						649
Monroe .....	394	1	329			2				726
Montgomery .....	620	1	616	5		2	2			1,247
Morgan .....	261	1	279							541
Morrow .....	179		201	2		1		2	1	386
Muskingum .....	552	13	475	8		9		3		1,060
Noble* .....	300	279								579
Ottawa .....	131		113							244
Paulding .....	129	9	139	4						281
Perry .....	207		183			4		5		399
Pickaway .....	296	14	265	14		2		4		595
Pike .....	166	7	186	8		4	1		2	374
Portage .....	166		158	1						325
Preble .....	223	6	238	10						477
Putnam* .....	313		268							581
Richland .....	354	1	332	1						688
Ross .....	337	21	280	11		3	9	6	11	678
Sandusky .....	279	3	288	8		1		3		582
Scioto .....	402	8	379	10		9	4	8	3	823
Seneca .....	342		327							669
Shelby .....	227		212			2		1		442
Stark .....	759		689	3		5		2		1,458
Summit .....	409	2	361	2		3		4		781
Trumbull .....	500		456							956
Tuscarawas .....	414		405	1		2		2		824
Union .....	225	5	203	3		1		2		439
Van Wert .....	264	4	280	4						552
Vinton .....	177		173	1		1				350
Warren .....	219	11	208	7		1			2	448
Washington .....	541	13	535	13		10		6		1,118
Wayne .....	488		446					2		936
Williams .....	279		239							518
Wood.....	314		262							576
Wyandot .....	249	1	224							474
Totals.....	30,860	787	28,581	523	75	164	43	139	38	61,210

\* Illegitimate not designated.

† 10 colored males and 6 colored females whose births are not reported either as legitimate or illegitimate.



*Consolidated Table, showing Deaths from all Causes in the State of Ohio, with Age and Sex, for the year ending March 31st, 1872.*

Age at time of death.	From ordinary causes.				From epidemic or unnatural diseases.				From accident or violence.				Grand total.			
	White.		Black.		Total.	White.		Black.		Total.	White.			Black.		Total.
	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.		Male.	Female.		Male.	Female.	
Still born.....	358	262	20	20	660	180	167	.....	.....	366	83	52	.....	.....	660	
Under 7.....	4,510	3,945	117	91	8,663	41	43	.....	.....	84	47	18	.....	.....	9,167	
7 to 14.....	495	501	20	22	1,038	39	32	.....	.....	78	69	24	.....	.....	1,191	
14 to 20.....	518	625	18	19	1,180	43	41	.....	.....	88	102	18	.....	.....	1,355	
20 to 30.....	953	1,080	36	31	2,100	33	31	.....	.....	66	79	12	.....	.....	2,319	
30 to 40.....	805	909	22	15	1,751	33	31	.....	.....	75	90	23	.....	.....	1,912	
40 to 50.....	752	704	17	16	1,489	44	27	.....	.....	54	66	20	.....	.....	1,687	
50 to 60.....	841	688	18	9	1,556	30	23	.....	.....	57	43	8	.....	.....	1,701	
60 to 70.....	981	784	19	13	1,797	32	21	.....	.....	35	34	11	.....	.....	1,908	
70 to 80.....	1,016	803	10	9	1,844	23	11	.....	.....	21	6	3	.....	.....	1,924	
80 to 90.....	478	382	4	6	876	9	12	.....	.....	1	.....	.....	.....	.....	901	
90 to 100.....	104	86	1	5	196	1	.....	.....	.....	1	.....	.....	.....	.....	198	
100 to 110.....	7	3	.....	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	
Unknown.....	203	2	3	1	209	5	8	.....	.....	13	26	19	.....	.....	267	
Total.....	12,021	10,780	305	259	23,365	480	416	25	14	938	639	209	26	15	25,202	

Table showing the Deaths in Ohio, by Counties, from all Causes, with Age, for the year ending with March 31, 1872.

COUNTIES.	Still born.	Under 7.	7 to 14.	14 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	100 to 110.	Ages not given.	Total.
Adams .....	16	42	16	18	10	28	22	13	27	17	10	6	.....	.....	225
Allen .....	19	70	14	15	18	13	18	23	14	12	4	.....	.....	.....	220
Ashland .....	5	53	12	13	19	16	14	14	27	23	13	.....	.....	.....	203
Ashtabula .....	.....	69	19	13	29	29	23	11	33	46	24	4	.....	.....	283
Athens .....	7	63	8	15	26	17	12	14	13	24	7	1	.....	.....	207
Anglaize .....	8	96	16	17	19	21	16	9	19	14	5	3	.....	.....	243
Belmont .....	17	84	20	19	29	25	16	10	28	27	16	3	.....	13	307
Brown .....	7	63	13	23	27	18	17	21	20	27	13	4	.....	21	275
Butler .....	.....	110	14	13	37	30	22	24	31	29	13	2	1	.....	326
Carroll .....	10	44	5	3	10	5	7	6	12	15	10	1	.....	.....	128
Champaign .....	.....	61	9	11	16	23	5	14	13	18	10	2	.....	.....	182
Clarke .....	9	85	15	16	18	23	27	13	25	43	13	1	.....	.....	288
Clermont .....	7	78	12	17	26	24	16	14	23	30	9	3	.....	.....	253
Clinton .....	5	55	9	14	33	14	6	10	14	11	4	2	.....	.....	177
Columbiana .....	10	168	18	30	18	16	45	34	50	28	32	12	.....	.....	461
Coshocton* .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crawford .....	.....	92	10	13	30	15	16	19	19	28	13	2	1	.....	252
Cuyahoga .....	19	405	43	52	97	78	93	88	58	40	31	5	.....	.....	1,009
Darke .....	27	125	19	39	39	24	26	20	22	22	6	5	.....	.....	380
Defiance .....	.....	58	11	6	12	7	6	13	7	9	6	1	.....	.....	136
Delaware .....	1	43	9	7	14	13	13	9	18	19	7	3	.....	.....	156
Eric .....	6	72	8	11	16	19	8	13	15	20	5	2	.....	.....	195
Fairfield .....	.....	33	29	27	26	23	18	16	11	9	6	5	.....	.....	208
Fayette .....	2	62	6	7	20	11	4	9	6	18	10	4	.....	.....	160
Franklin .....	4	173	19	29	56	62	31	46	31	21	13	2	1	.....	482
Fulton .....	.....	57	5	14	11	20	11	10	10	15	2	.....	.....	17	184
Gallia .....	1	78	9	14	32	14	17	12	15	12	7	3	.....	4	218
Geauga .....	.....	22	5	6	17	12	6	10	19	21	9	8	.....	.....	135
Greene .....	8	57	10	13	25	15	20	10	17	21	20	.....	.....	15	231
Guernsey .....	.....	59	6	5	19	10	13	11	16	18	8	.....	.....	.....	165
Hamilton .....	202	2680	183	160	471	381	383	351	201	231	16	3	1	.....	5,453
Hancock .....	4	94	8	13	14	15	8	7	21	16	6	1	.....	.....	207
Hardin .....	1	49	8	3	10	17	10	13	12	9	4	.....	1	.....	137
Harrison .....	4	51	15	10	16	12	12	10	12	21	13	5	.....	.....	181
Henry .....	2	33	6	7	8	9	8	15	3	8	.....	.....	.....	.....	99
Highlandt .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hocking .....	.....	53	10	4	13	17	13	8	10	9	9	.....	.....	.....	146
Holmes .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	115	115
Huron .....	.....	62	4	17	19	23	19	17	33	30	13	1	.....	.....	238
Jackson .....	3	78	4	13	19	11	8	13	14	8	6	3	.....	.....	180
Jefferson .....	11	132	16	17	30	23	19	24	23	18	21	8	.....	.....	342
Knox .....	7	39	6	15	24	15	16	12	22	26	8	1	.....	.....	191
Lake .....	.....	11	6	6	11	12	16	9	9	12	10	1	.....	2	105
Lawrence .....	.....	162	5	19	22	15	15	11	20	25	7	4	.....	.....	305
Licking .....	5	42	24	33	33	57	46	28	21	13	7	3	.....	.....	312
Logan .....	5	60	15	16	21	15	9	11	19	10	16	1	.....	.....	198
Lorain .....	4	75	18	19	25	20	23	19	40	32	19	1	.....	.....	295
Lucas .....	15	188	43	34	40	39	55	29	29	21	10	2	.....	.....	502
Madison .....	.....	68	4	12	15	5	2	13	5	7	8	1	.....	.....	140
Mahoning .....	.....	90	9	13	21	20	25	6	32	29	16	6	.....	.....	267
Marion .....	.....	26	2	8	11	17	6	5	6	8	4	.....	.....	.....	103
Medina .....	1	40	9	7	15	12	13	18	16	21	14	2	.....	.....	168
Meigs .....	2	128	17	14	23	18	10	10	27	13	12	2	1	.....	277
Mercer .....	.....	62	7	8	14	7	8	8	9	9	5	.....	.....	.....	137
Miami .....	1	85	27	21	28	22	15	16	22	21	14	4	.....	.....	276

Table showing the Deaths in Ohio, by Counties—Continued.

COUNTIES.	Still born.	Under 7.	7 to 14.	14 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	100 to 110.	Ages not given.	Total.
Monroe .....	4	41	8	8	19	13	13	8	12	16	9	1	.....	.....	152
Montgomery .....	5	162	39	36	53	42	33	45	42	46	15	2	.....	.....	520
Morgan .....	.....	33	14	7	17	8	10	16	21	23	49	4	.....	.....	172
Morrow .....	4	43	2	7	9	12	6	7	14	26	8	.....	.....	.....	138
Muskingum .....	3	99	5	17	36	37	18	36	37	36	22	7	.....	† 1	354
Noble .....	.....	48	4	10	16	16	13	8	7	17	8	4	.....	.....	151
Ottawa .....	4	32	4	2	7	4	5	5	7	6	1	1	.....	.....	78
Paulding .....	6	50	10	5	9	10	9	7	4	3	1	.....	.....	17	131
Perry .....	1	35	6	10	19	8	8	13	7	21	6	5	.....	.....	139
Pickaway .....	8	59	7	8	21	13	7	11	16	11	10	1	1	.....	173
Pike .....	14	57	4	9	11	11	8	10	6	10	2	.....	.....	.....	142
Portage .....	.....	41	7	12	23	18	25	22	21	33	15	4	.....	.....	221
Preble .....	5	64	3	12	16	15	9	8	21	18	11	1	.....	.....	183
Putnam .....	4	69	5	7	22	13	2	12	10	11	6	.....	.....	.....	161
Richland .....	15	58	16	14	14	23	17	12	29	26	21	4	.....	.....	249
Ross .....	10	72	60	42	28	19	16	36	13	26	16	2	2	.....	342
Sandusky .....	7	50	4	4	20	8	9	15	6	22	5	.....	.....	.....	150
Scioto .....	18	137	7	11	21	14	20	15	20	9	6	1	.....	5	284
Seneca .....	.....	59	5	14	12	12	9	12	13	20	5	2	.....	.....	163
Shelby .....	.....	58	8	11	14	9	6	10	16	7	2	1	.....	.....	142
Stark .....	8	166	17	14	30	22	26	20	40	38	17	2	.....	.....	400
Summit .....	1	105	16	15	32	23	17	23	24	39	15	3	.....	.....	313
Trumbull .....	.....	132	10	19	46	25	23	28	34	46	21	4	.....	.....	388
Tuscarawas .....	.....	111	11	5	24	14	12	19	25	23	12	.....	.....	.....	256
Union .....	.....	39	5	16	5	6	8	10	11	14	6	1	.....	13	134
Van Wert .....	3	92	5	9	14	7	7	9	17	8	1	.....	.....	.....	172
Vinton .....	5	35	4	2	8	7	5	9	2	4	4	1	.....	.....	86
Warren .....	3	56	11	13	27	21	14	18	15	30	21	3	.....	.....	232
Washington .....	16	90	14	22	18	18	26	25	25	32	22	6	2	2	318
Wayne .....	.....	138	10	10	27	23	4	24	35	31	16	1	.....	.....	319
Williams .....	3	57	14	12	24	13	8	13	12	15	10	2	.....	.....	183
Wood .....	2	51	16	13	17	16	7	14	14	14	2	1	.....	.....	167
Wyandot .....	.....	47	6	9	7	15	7	9	13	11	2	.....	.....	.....	126
Total .....	703	9178	1197	1354	2322	1909	1688	1698	1908	1916	901	197	11	225	25,202

† Incompleteness of report renders it unavailable.

† Mathias Colcher died at 111 years of age.

\* No report.

*Number of Naturalizations in Ohio by Counties, for the year ending March 31, 1872.*

COUNTIES.	England, Scotland and Wales.	Canada.	Ireland.	Germany.	Other countries.	Totals.
Adams .....			1	1		2
Allen .....	5			5	2	12
Ashland .....	3	2			3	8
Ashtabula .....	10	3	5	2	1	21
Athens .....	1		1	1	1	4
Auglaize .....	1			14		15
Belmont .....	2		4	7		13
Brown .....	1			2	3	6
Butler .....	3		9	36	4	52
Carroll .....			2			2
Champaign .....			11	2	1	14
Clarke .....	3		6	19		28
Clermont .....	1		1	10	1	13
Clinton .....	1		2			3
Columbiana .....	9		15	3	4	31
Coshocton .....						
Crawford .....				10	4	14
Cuyahoga .....				177	354	531
Darke .....			2	4		6
Defiance .....	1	15	5	6	18	45
Delaware .....	6		6	12	1	25
Erie .....	11	3	14	42	2	72
Fairfield .....	1		2		10	13
Fayette .....		1	4	6		11
Franklin .....	5	1	15	37	9	67
Fulton .....	2				4	6
Galbra .....	1					1
Geauga .....	2	1	1			4
Greene .....	1		3	4		8
Guernsey .....	1		2			3
Hamilton .....	71		185	263	58	577
Hancock .....				9	3	12
Hardin .....	1		4	16		21
Harrison .....			1			1
Henry .....	1	2	1	8	12	24
Highland .....	2			1	3	6
Hocking .....	1		4	3		8
Holmes .....				1	2	3
Huron .....	4	3	10	14		31
Jackson .....	11		7	2	1	21
Jefferson .....	11		24	14		49
Knox .....	6		16	1	3	26
Lake .....	3		7	1	3	14
Lawrence .....	5		3	4	1	13
Licking .....	7		6	4		17
Logan .....	1		3	1		5
Lorain .....	5	1	9	12		27
Lucas .....	10	11	23		100	144
Madison .....	4		11	4		19
Mahoning .....	18	2	10	7		37
Marion .....			1	3		4
Medina .....	3		1	1		5
Meigs .....	11		1	7		19

*Number of Naturalizations in Ohio by Counties—Continued.*

COUNTIES.	England, Scotland and Wales.	Canada.	Ireland.	Germany.	Other countries.	Totals.
Mercer .....				3	2	5
Miami .....	1		3	11		15
Monroe .....			2		10	12
Montgomery .....	11	1	23	120	10	170
Morgan .....						
Morrow .....			2			2
Muskingum .....	2		9	19	2	32
Noble .....	1			3		4
Ottawa .....	1		2	25		28
Paulding .....						
Perry .....	1		1			2
Pickaway .....						
Pike .....					2	2
Portage .....				2	27	29
Preble .....		1	4	2		7
Putnam .....	3		1	10	1	15
Richland .....	1		2	7	6	16
Ross .....					17	17
Sandusky .....	2		1	3	1	7
Scioto .....	1		2		15	18
Seneca .....		1	2	1	13	17
Shelby .....				5	2	7
Stark .....			15	29	41	85
Summit .....	21	3	16	23	3	71
Trumbull .....	95	3	66	16	1	181
Tuscarawas .....	6		5	18	11	40
Union .....	3		3	4		10
Van Wert .....	4			6	1	11
Vinton .....	4		3		1	8
Warren .....	1		2	4		7
Washington .....	6		5	7		18
Wayne .....	5		2	7	7	21
Williams .....	1		1	1	4	7
Wood .....	5			11	1	17
Wyandot .....	1				6	7
Total .....	422	54	615	1118	792	3001



*Table showing the amount of taxable property, population, enumeration of youth of school age, per cent. enumeration is of population, and amount of taxable property each youth enumerated represents.*

COUNTIES.	Amount of taxable property on duplicate.	Population, 1870.	Enumeration, 1872.	Per cent. enumeration is of population.	Amount of taxable property represented by each youth.
Adams .....	\$5,950,275	20,750	8,306	40	\$716
Allen .....	9,923,077	23,623	9,586	40	1,035
Ashland .....	13,193,786	21,933	8,147	37	1,619
Ashtabula .....	15,499,543	32,517	10,710	33	1,448
Athens .....	7,686,004	23,768	9,377	39	818
Auglaize .....	7,083,467	20,041	8,993	45	788
Belmont .....	20,520,170	39,714	15,558	37	1,319
Brown .....	11,294,339	30,862	12,095	39	934
Butler .....	31,958,936	39,912	15,942	40	2,004
Carroll .....	8,797,012	14,491	5,585	38	1,575
Champaign .....	20,144,082	24,188	8,685	36	2,319
Clarke .....	24,971,750	32,070	11,427	36	2,185
Clermont .....	14,752,270	34,268	13,375	39	1,102
Clinton .....	14,083,062	21,914	8,274	37	1,702
Columbiana .....	22,403,425	38,299	14,144	36	1,582
Coshocton .....	13,418,950	23,600	9,210	39	1,456
Crawford .....	14,991,960	25,556	9,657	37	1,552
Cuyahoga .....	85,138,221	132,010	52,689	39	1,616
Darke .....	17,894,028	32,278	13,163	41	1,359
Defiance .....	4,995,031	15,719	6,558	41	763
Delaware .....	16,115,453	25,175	9,352	37	1,723
Erie .....	11,931,294	28,188	10,601	37	1,125
Fairfield .....	17,596,060	31,138	11,860	38	1,484
Fayette .....	13,788,656	17,170	6,562	38	2,101
Franklin .....	47,073,890	63,019	21,876	35	2,152
Fulton .....	4,750,764	17,789	7,013	39	677
Gallia .....	7,596,645	25,545	10,346	41	734
Geauga .....	8,127,410	14,190	4,191	30	1,939
Greene .....	22,371,147	28,038	10,495	37	2,131
Guernsey .....	10,793,836	23,838	9,323	39	1,157
Hamilton .....	215,359,685	260,370	141,439	54	1,522
Hancock .....	11,822,764	23,847	9,434	39	1,253
Hardin .....	8,667,078	18,714	8,033	43	1,079
Harrison .....	13,250,120	18,682	7,207	39	1,838
Henry .....	4,026,720	14,028	5,932	42	678
Highland .....	15,372,875	29,133	10,979	38	1,400
Hocking .....	5,261,115	17,925	7,215	40	729
Holmes .....	7,909,120	18,177	10,360	56	763
Huron .....	17,747,692	28,532	10,331	32	1,718
Jackson .....	4,563,793	21,759	8,264	38	552
Jefferson .....	19,481,640	29,188	11,163	38	1,745
Knox .....	16,161,846	26,333	9,279	35	1,742
Lake .....	10,270,884	15,935	5,191	33	1,978
Lawrence .....	8,416,062	31,380	13,309	42	632
Licking .....	26,080,478	35,756	13,491	38	1,933
Logan .....	13,214,800	23,028	8,494	37	1,555
Lorain .....	17,551,092	30,308	11,045	36	1,589
Lucas .....	21,588,240	46,722	17,040	36	1,266
Madison .....	14,523,565	15,633	6,138	39	2,366
Mahoning .....	18,624,594	31,001	11,867	38	1,569
Marion .....	12,205,651	16,184	6,218	38	1,963
Medina .....	12,447,181	20,092	6,867	34	1,810



*Table showing the amount of taxable property, population, &c.—Continued.*

COUNTIES.	Amount of taxable property on duplicate.	Population, 1870.	Enumeration, 1872.	Per cent. enumeration is of population.	Amount of taxable property represented by each youth.
Meigs .....	\$9,016,399	31,465	12,037	38	\$749
Mercer .....	4,246,365	17,254	7,244	42	586
Miami .....	21,483,720	32,740	13,343	41	1,610
Monroe .....	5,871,488	25,779	10,867	43	540
Montgomery .....	45,913,080	64,006	25,604	40	1,012
Morgan .....	8,443,860	20,363	7,492	36	1,127
Morrow .....	12,484,681	18,583	6,543	35	1,903
Muskingum .....	25,689,893	44,886	16,827	37	1,527
Noble .....	6,548,403	19,949	8,121	41	806
Ottawa .....	4,626,456	13,364	5,774	43	801
Paulding .....	2,314,033	8,544	3,795	44	610
Perry .....	7,790,935	18,453	7,923	43	983
Pickaway .....	19,978,541	24,875	9,658	38	2,068
Pike .....	5,093,678	15,447	6,294	40	808
Portage .....	16,019,093	24,584	9,557	38	1,676
Preble .....	17,408,760	21,809	8,053	37	2,160
Putnam .....	5,386,908	17,081	7,311	43	737
Richland .....	22,134,860	32,516	11,827	36	1,871
Ross .....	20,948,683	37,097	13,737	37	1,525
Sandusky .....	12,689,239	25,503	9,890	39	1,283
Scioto .....	11,363,206	29,302	12,046	41	943
Seneca .....	17,146,082	30,827	11,493	37	1,492
Shelby .....	9,410,670	20,748	7,934	33	1,186
Stark .....	32,516,510	52,508	19,951	38	1,630
Summit .....	21,814,614	34,674	13,462	26	1,620
Trumbull .....	19,150,628	38,659	14,399	37	1,330
Tuscarawas .....	16,125,465	33,840	13,282	39	1,214
Union .....	9,779,880	18,730	7,012	38	1,294
Van Wert .....	5,830,116	15,823	7,020	44	830
Vinton .....	3,876,023	15,027	5,999	40	646
Warren .....	21,572,523	26,689	9,973	37	2,163
Washington .....	13,461,646	40,609	15,989	38	842
Wayne .....	23,373,182	35,116	13,988	40	1,671
Williams .....	7,036,569	20,991	8,386	40	839
Wood .....	8,444,061	24,596	10,326	42	818
Wyandot .....	9,941,330	18,553	7,395	40	1,344

*School Attendance and Illiteracy in the State of Ohio.*

COUNTIES.	ATTENDED SCHOOL.						Cannot read, 10 and over.	
	Total.	Native.	Foreign.	White.		Colored.		
				Males.	Females.	Males.		Fem'ls
Adams .....	5,632	5,619	13	2,919	2,661	32	20	1,232
Allen .....	7,082	6,982	100	3,800	3,257	17	8	992
Ashland .....	3,832	3,810	22	2,012	1,819	1	.....	144
Ashtabula .....	7,906	7,730	176	4,050	3,836	13	7	323
Athens .....	6,125	6,090	35	3,088	2,947	45	45	989
Auglaize .....	3,254	3,219	35	1,722	1,527	1	4	925
Belmont .....	9,707	9,643	64	4,973	4,483	126	125	1,497
Brown .....	8,145	8,088	57	4,000	3,804	166	175	1,665
Butler .....	10,126	9,914	212	5,101	4,837	89	98	1,163
Carroll .....	3,584	3,572	12	1,906	1,664	6	8	240
Champaign .....	5,824	5,765	59	2,937	2,707	109	71	1,345
Clarke .....	7,435	7,323	112	3,761	3,436	133	105	1,147
Clermont .....	8,366	8,316	50	4,233	3,859	134	140	1,093
Clinton .....	5,051	5,036	15	2,573	2,375	50	53	1,443
Columbiana .....	9,817	9,589	228	5,048	4,687	41	41	641
Coshocton .....	6,705	6,663	42	3,590	3,115	.....	.....	764
Crawford .....	7,188	7,067	121	3,756	3,525	3	4	664
Cuyahoga .....	25,248	22,050	3,198	12,488	12,593	83	84	3,752
Darke .....	8,136	8,093	43	4,273	3,786	39	38	1,581
Defiance .....	4,891	4,776	115	2,549	2,320	15	7	218
Delaware .....	6,375	6,335	40	3,358	2,975	25	17	702
Erie .....	5,968	5,718	250	3,119	2,820	12	17	166
Fairfield .....	8,471	8,427	44	4,577	3,836	35	23	1,266
Fayette .....	4,226	4,211	15	2,081	1,972	86	87	1,024
Franklin .....	13,113	12,871	242	6,399	6,367	153	194	2,289
Fulton .....	5,674	4,952	122	2,622	2,451	1	.....	236
Gallia .....	6,313	6,279	34	3,058	2,846	191	218	2,341
Geauga .....	3,608	3,570	36	1,907	1,696	3	.....	45
Greene .....	7,236	7,188	48	3,489	3,077	363	298	1,501
Guernsey .....	6,943	6,928	15	3,528	3,346	28	41	588
Hamilton .....	50,771	48,881	1,890	25,254	24,614	451	452	7,758
Hancock .....	7,411	7,378	33	3,890	3,501	12	8	344
Hardin .....	3,935	3,869	66	2,037	1,855	24	19	766
Harrison .....	5,153	5,149	4	2,639	2,440	40	34	684
Henry .....	3,335	3,257	78	1,775	1,560	.....	.....	418
Highland .....	8,031	8,013	18	3,981	3,774	159	117	1,275
Hocking .....	5,057	5,041	16	2,548	2,469	16	24	1,297
Holmes .....	4,253	4,205	48	2,275	1,977	.....	.....	447
Huron .....	6,708	6,582	126	3,515	3,156	23	14	683
Jackson .....	6,151	6,100	51	3,123	2,874	88	66	1,708
Jefferson .....	5,767	5,651	116	2,831	2,801	68	67	1,105
Knox .....	6,390	6,371	19	3,308	3,056	11	13	346
Lake .....	3,562	3,493	69	1,702	1,846	8	6	160
Lawrence .....	7,275	7,195	80	3,654	3,432	97	92	3,919
Licking .....	9,750	9,655	95	5,008	4,716	14	12	891
Logan .....	5,829	5,791	38	2,921	2,725	96	87	906
Lorain .....	7,733	7,396	337	3,805	3,652	151	122	460
Lucas .....	9,678	9,236	442	4,879	4,732	28	39	795
Madison .....	4,007	3,978	29	2,045	1,920	17	25	992
Mahoning .....	7,378	6,936	442	3,813	3,538	17	10	1,221
Marion .....	4,883	4,785	98	2,595	2,267	7	14	462
Medina .....	5,476	5,418	58	2,859	2,603	11	3	189
Meigs .....	8,979	8,803	176	4,342	4,242	222	173	1,855
Mercer .....	5,108	5,042	66	2,605	2,386	62	55	588
Miami .....	8,679	8,614	65	4,468	3,997	119	95	788

*School Attendance and Illiteracy in the State of Ohio—Continued.*

COUNTIES.	ATTENDED SCHOOL.							Cannot read, 10 and over.
	Total.	Native.	Foreign.	White.		Colored.		
				Males.	Females.	Males	Fem'ls	
Monroe .....	7,344	7,287	57	3,821	3,497	12	14	1,370
Montgomery .....	14,172	13,887	285	7,330	6,755	47	40	1,775
Morgan .....	5,869	5,859	10	3,082	2,716	37	34	407
Morrow .....	5,291	5,266	25	2,795	2,477	12	7	276
Muskingum .....	10,330	10,278	52	5,212	4,905	109	104	1,242
Noble .....	4,995	4,995	.....	2,720	2,262	13	.....	990
Ottawa .....	2,699	2,570	129	1,442	1,257	.....	.....	100
Paulding .....	2,122	2,098	24	1,111	938	38	35	554
Perry .....	5,034	5,033	1	2,659	2,362	6	7	377
Pickaway .....	5,685	5,673	12	2,943	2,601	69	72	1,502
Pike .....	4,277	4,264	13	2,064	1,933	151	129	1,492
Portage .....	5,323	5,224	99	2,874	2,440	6	3	323
Preble .....	5,758	5,741	17	2,954	2,749	36	19	538
Putnam .....	4,075	4,055	20	2,171	1,899	3	2	414
Richland .....	8,053	7,989	64	4,071	3,957	15	10	353
Ross .....	8,843	8,777	66	4,337	4,028	226	252	3,046
Sandusky .....	6,073	5,993	80	3,106	2,948	8	11	753
Scioto .....	6,418	6,348	70	3,151	3,095	89	83	1,832
Seneca .....	8,113	8,015	98	4,308	3,774	13	18	1,214
Shelby .....	5,442	5,395	47	2,697	2,611	81	53	1,000
Stark .....	13,007	12,719	288	6,737	6,238	9	23	1,179
Summit .....	7,521	7,148	373	3,779	3,716	16	10	484
Trumbull .....	9,143	8,355	788	4,682	4,412	36	13	1,782
Tuscarawas .....	9,052	8,868	184	4,629	4,409	6	8	959
Union .....	5,158	5,121	37	2,600	2,491	34	33	506
Van Wert .....	3,175	3,150	25	1,659	1,504	4	8	427
Vinton .....	4,081	4,065	16	2,076	1,956	23	26	1,026
Warren .....	6,819	6,764	55	3,441	3,166	121	91	645
Washington .....	10,758	10,682	76	5,500	4,992	121	145	1,731
Wayne .....	10,328	10,157	171	5,352	4,962	4	10	455
Williams .....	5,804	5,744	60	3,038	2,758	4	4	402
Wood .....	7,242	7,086	156	3,688	3,548	3	3	967
Wyandot .....	4,957	4,928	29	2,549	2,400	4	4	568
Totals .....	645,639	632,202	13,437	329,367	306,413	5,097	4,747	92,720

*Illiteracy in the State of Ohio.*

COUNTIES.	CANNOT WRITE.										
	Total.	Native.	Foreign.	White.				Colored.			
				15 to 21.		21 and over.		15 to 21.		21 and over.	
				M.	F.	M.	F.	M.	F.	M.	F.
Adams .....	2,500	2,453	47	163	120	486	821	6	20	72	64
Allen .....	2,685	2,287	398	126	132	575	1,069	3	2	25	16
Ashland .....	414	375	39	17	13	67	97	.....	.....	.....	1
Ashtabula .....	635	365	270	18	7	249	211	.....	1	12	7
Athens .....	1,780	1,621	159	109	84	531	678	20	17	117	93
Anglaize .....	1,912	1,461	451	117	95	371	803	.....	2	4	6
Belmont .....	3,148	2,700	448	159	152	764	1,180	24	32	125	155
Brown .....	3,124	2,895	229	174	131	506	927	44	54	260	306
Butler .....	1,784	1,078	706	36	54	472	818	18	25	111	135
Carroll .....	715	616	99	21	16	136	363	2	1	4	2
Champaign .....	2,540	2,070	470	102	75	632	1,066	31	16	145	130
Clarke .....	1,715	1,140	575	37	49	390	557	56	47	251	261
Clermont .....	1,929	1,751	178	77	53	379	686	30	32	197	238
Clinton .....	2,482	2,311	171	138	108	439	638	53	33	183	192
Columbiana .....	1,138	664	474	29	41	327	534	2	1	43	39
Coshocton .....	1,583	1,376	207	94	92	390	753	.....	.....	4	2
Crawford .....	1,608	1,030	578	49	48	374	775	1	.....	9	8
Cuyahoga .....	5,907	810	5,097	164	193	1,958	3,006	12	16	121	119
Darke .....	2,969	2,770	199	180	134	723	1,252	10	4	38	53
Defiance .....	619	495	124	24	22	175	303	2	1	11	7
Delaware .....	1,195	904	291	67	55	291	458	10	6	64	55
Erie .....	223	49	174	5	.....	125	63	3	1	5	4
Fairfield .....	2,705	2,473	232	127	120	673	1,330	1	3	36	38
Fayette .....	1,518	1,413	105	84	62	401	488	24	26	157	125
Franklin .....	3,823	2,989	834	194	155	846	1,236	72	55	382	338
Fulton .....	551	492	59	32	26	129	192	1	.....	.....	.....
Gallia .....	4,689	4,463	226	223	210	728	1,137	104	101	449	445
Geauga .....	93	68	25	3	2	35	26	.....	1	1	2
Greene .....	2,013	1,765	248	34	28	273	410	73	71	466	519
Guernsey .....	1,059	968	91	37	26	339	523	5	5	32	29
Hamilton .....	11,215	4,349	6,866	206	371	2,515	5,209	93	196	893	1,279
Hancock .....	687	626	61	70	36	98	260	2	.....	2	3
Hardin .....	1,317	1,132	185	77	64	371	510	9	10	37	22
Harrison .....	1,484	1,407	77	43	36	359	760	12	13	55	70
Henry .....	778	591	187	31	36	238	324	.....	.....	2	2
Highland .....	2,348	2,225	123	114	90	416	712	38	40	192	186
Hocking .....	2,037	1,937	100	133	128	531	915	5	5	18	15
Holmes .....	2,040	1,867	173	113	126	310	712	.....	.....	.....	1
Huron .....	999	405	594	31	29	334	308	1	.....	15	12
Jackson .....	3,097	2,653	444	292	201	733	1,073	18	18	86	101
Jefferson .....	2,150	1,372	778	75	95	556	867	14	13	106	136
Knox .....	721	699	22	34	23	161	350	.....	.....	2	7
Lake .....	283	27	256	5	10	120	144	.....	.....	1	2
Lawrence .....	7,474	6,781	693	533	524	1,691	2,277	45	49	159	198
Licking .....	1,808	1,649	159	122	61	532	855	2	5	26	22
Logan .....	1,548	1,366	182	91	74	343	575	26	12	105	107
Lorain .....	862	475	387	21	15	202	241	29	8	81	111
Lucas .....	1,283	565	718	46	39	403	516	3	6	33	27
Madison .....	1,652	1,167	485	108	64	446	580	34	31	145	98
Mahoning .....	1,851	793	1,058	85	80	524	1,002	6	4	23	23
Marion .....	1,037	833	204	63	33	299	428	2	.....	14	9
Medina .....	358	276	82	9	7	92	241	.....	.....	3	1
Meigs .....	4,020	3,484	536	227	174	836	1,081	56	47	301	274

*Illiteracy in the State of Ohio—Continued.*

COUNTIES.	CANNOT WRITE.										
	Total.	Native.	Foreign.	White.				Colored.			
				15 to 21.		21 and over.		15 to 21.		21 and over.	
				M.	F.	M.	F.	M.	F.	M.	F.
Mercer .....	1,010	835	175	45	31	219	386	10	2	31	48
Miami .....	1,900	1,657	243	92	84	449	653	32	21	126	136
Monroe .....	2,621	2,399	222	164	190	614	975	4	3	5	7
Montgomery .....	3,668	2,634	1,034	143	132	946	1,841	17	24	106	102
Morgan .....	835	802	33	5	32	268	307	5	7	14	19
Morrow .....	528	461	67	15	17	119	287	2	1	14	15
Muskingum .....	2,276	1,953	322	123	99	602	1,062	12	13	96	120
Noble .....	2,137	2,057	80	124	133	486	886	3	4	9	9
Ottawa .....	235	117	118	21	18	6	54	.....	1	.....	1
Paulding .....	941	806	135	68	57	273	352	13	12	76	62
Perry .....	742	695	47	23	26	183	378	.....	.....	2	3
Pickaway .....	2,750	2,612	138	199	126	689	897	36	34	138	111
Pike .....	2,579	2,529	50	191	173	553	785	40	28	139	156
Portage .....	666	362	304	18	18	218	361	.....	.....	10	7
Preble .....	1,271	1,116	155	33	40	291	677	2	6	67	50
Putnam .....	958	824	134	51	44	235	376	1	.....	6	6
Richland .....	698	548	150	27	24	217	372	1	.....	9	6
Ross .....	5,519	5,148	371	345	262	1,082	1,695	94	86	400	487
Sandusky .....	1,821	1,239	582	108	80	425	745	2	1	18	19
Scioto .....	3,048	2,738	310	211	187	786	1,059	20	29	151	134
Seneca .....	2,576	1,888	688	106	93	594	1,244	3	4	13	18
Shelby .....	1,734	1,392	342	97	76	434	638	17	18	63	73
Stark .....	2,223	1,449	774	66	98	493	1,347	5	1	15	20
Summit .....	990	680	310	24	43	255	596	2	.....	6	4
Trumbull .....	3,322	1,129	2,193	164	106	1,188	1,428	.....	3	30	23
Tuscarawas .....	2,356	1,992	364	89	108	473	1,127	3	3	16	21
Union .....	857	794	63	30	41	297	385	1	1	32	32
Van Wert .....	954	875	79	66	45	249	407	1	1	13	10
Vinton .....	2,019	1,779	240	132	96	542	836	3	7	24	25
Warren .....	935	732	203	21	14	234	306	18	18	127	125
Washington .....	3,166	2,784	382	223	193	800	1,037	25	36	124	113
Wayne .....	1,493	1,174	319	47	40	293	832	.....	.....	2	.....
Williams .....	973	792	181	35	18	242	517	3	.....	2	4
Wood .....	1,588	1,056	532	118	67	369	548	.....	3	9	6
Wyandot .....	1,678	1,523	155	125	61	359	573	3	1	15	9
Total .....	173,172	134,102	39,070	8,568	7,491	41,439	68,449	1,372	1,398	7,531	8,076



*Schools and Universities of Ohio, with Statistics as ascertained by the Federal Census of 1870.*

SCHOOLS.	Number.	TEACHERS.		PUPILS.		INCOME YEAR ENDING JUNE 1, 1870.		
Classes and kinds.		Male.	Female.	Male.	Female.	From endowment.	From taxation and public funds.	From other sources, including tuition.
PUBLIC.								
Normal .....	2	12	9	333	190	\$10,000	\$8,495,145	\$23,000
High .....	196	214	117	5,686	6,528			
Graded Common .....	641	439	2,138	81,855	78,039			
Ungraded Common .....	10,619	8,650	10,143	301,148	263,914			
Total .....	11,458	9,306	12,437	389,022	348,671	\$10,000	\$8,495,145	\$23,000
STATE INSTITUTIONS.								
For the blind .....	1	5	2	55	47		\$30,204	
“ the deaf & dumb .....	1	11	4	151	115		67,171	
“ the idiotic .....	1	1	5	80	65		42,295	
Reform School .....	1	10		150			25,000	
Total .....	4	27	12	436	227		\$164,670	
Parochial and Charity .....	309	362	440	17,605	13,756			\$599,600
Universities .....	9	55	2	1,147	83	\$33,600		\$35,177
CLASSICAL.								
Colleges .....	33	238	30	4,596	1,587	144,574		155,480
Academies .....	94	204	383	5,608	6,583	25,000		466,125
PROFESSIONAL.								
Of Law .....	1	3		75				3,750
“ Medicine .....	10	56		747				54,800
“ Theology .....	11	32		344		42,500		
TECHNICAL.								
Commercial .....	15	38	5	1,040				57,000
Total .....	164	571	418	12,410	8,170	\$212,074		\$737,155
Day and Boarding .....	18	10	16	268	380			\$28,000
Total all classes.	11,953	10,276	13,323	419,741	371,204	\$222,074	\$8,659,815	\$1,387,755



# WEALTH AND TAXATION.

There is no law authorizing this bureau to collect and publish statistics of wealth and taxation—a class of statistics of the most vital importance—if statistics are supposed to present the basis for economic science. Whatever statistics I am able to present under this head, are obtained from other departments and private sources.

Under this head I print statistics of wealth, taxation and debt.

## WEALTH.

The total valuation of property, as returned to the Auditor of State for 1872, is as follows :

Acres of land returned for taxation .....	25,421,137
Value of lands .....	\$699,478,744
“ real estate in cities and villages.....	330,634,784
“ personal property .....	494,159,590
Total valuation of taxable property .....	\$1,524,323,118

The total value in 1871, was as follows :

Acres of land returned for taxation .....	25,445,242
Value of lands.....	\$698,489,198
“ real estate in cities and villages.....	327,129,836
“ personal property .....	476,510,937
Total valuation of taxable property.....	\$1,502,129,971
In excess of 1872 over 1871.....	\$2,193,147

Under the head of Federal Census, I print the wealth of the State in manufacture; and in the statistics of churches, universities, etc., will be found the non-productive wealth of the State. Of course the estimated value of lands, personal property, etc., returned by the assessors to the Auditor of State for taxation, is much below the true value.

The aggregate value of lands and buildings in Ohio, in 1870, as ascertained by the State Board of Equalization was \$1,146,106,968; and the aggregate value of real estate in towns and cities, including buildings, was \$383,153,944.

The third volume of the Federal Census of 1870, which is to contain statistics of industry and wealth, is not yet printed. This document will, doubtless, give us a fairer estimate of the actual wealth of the State, than the statistics of all our State departments.

The following table shows the value of real and chattel property in Ohio for a series of years :

Years.	Real estate.	Chattel property.	Total.
1841 .....	\$100,850,837	\$27,502,820	\$128,354,657
1845 .....	108,185,744	35,985,725	144,160,469
1850 .....	341,388,838	98,487,202	439,966,340
1855 .....	578,858,539	283,118,815	861,977,354
1860 .....	639,894,311	248,408,290	888,302,601
1867 .....	673,993,757	464,761,022	1,138,754,799
1868 .....	683,452,487	460,008,899	1,143,461,386
1869 .....	697,418,203	459,762,252	1,157,180,455
1870 .....	707,846,836	459,884,861	1,167,731,697
1871 .....	1,025,619,034	476,510,937	1,502,129,971
1872 .....	1,030,163,528	494,159,590	1,524,323,118

The following tables illustrate the advance of wealth, as shown by the increased valuation of property, in each section of the State, since 1850 :

#### MIAMI COUNTRY.

Counties.	1850.	1860.	1870.	1871.	1872.
Hamilton .....	\$55,670,631	\$119,508,170	\$165,702,518	\$220,548,543	\$215,359,685
Greene .....	7,437,116	15,573,043	19,008,345	22,439,578	22,371,147
Montgomery .....	12,898,485	25,799,234	36,802,170	43,455,446	45,913,080
Prebble .....	6,113,291	12,066,318	14,313,830	17,218,820	17,408,760
Totals.....	\$82,119,523	\$172,947,769	\$235,826,863	\$303,662,381	\$301,052,672

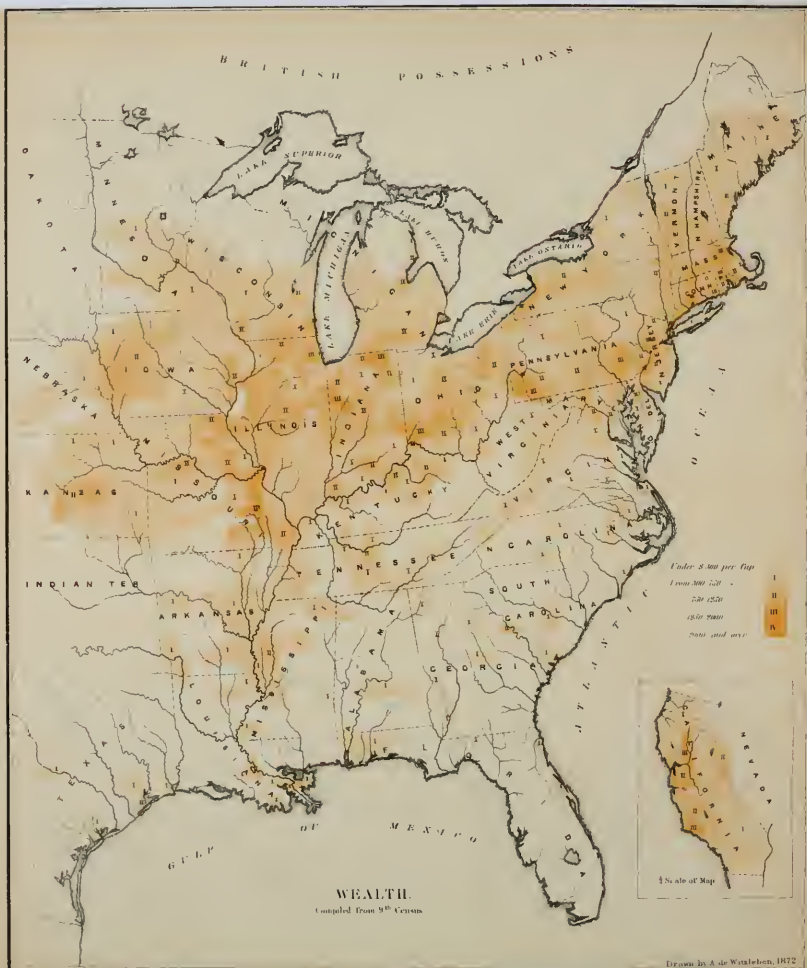
#### SCIOTO COUNTRY.

Counties.	1850.	1860.	1870.	1871.	1872.
Franklin .....	\$11,284,951	\$26,356,595	\$35,370,292	\$45,725,274	\$47,073,890
Ross .....	10,232,791	16,694,888	20,243,401	21,365,925	20,948,683
Scioto .....	3,493,342	7,116,949	9,836,834	11,379,781	11,363,206
Delaware .....	4,141,681	8,866,417	11,205,548	15,557,935	16,115,453
Totals.....	\$29,165,765	\$59,384,879	\$76,656,075	\$94,029,914	\$95,501,232

#### MUSKINGUM COUNTRY.

Counties.	1850.	1860.	1870.	1871.	1872.
Coshocton .....	\$5,026,561	\$8,566,869	\$10,495,020	\$13,051,930	\$13,418,950
Licking .....	9,128,948	17,248,586	20,534,736	25,663,050	26,080,478
Muskingum .....	10,934,107	17,102,862	21,608,188	24,998,300	25,689,893
Washington .....	3,982,051	8,128,673	11,223,750	13,113,440	13,461,646
Totals.....	\$29,121,667	\$51,047,000	\$63,861,694	\$76,826,720	\$78,650,967





## THE UPLAND COUNTRY.

Counties.	1850.	1860.	1870.	1871.	1872.
Belmont .....	\$7,393,043	\$12,207,603	\$15,599,664	\$20,009,300	\$20,520,170
Jefferson .....	7,373,776	9,640,062	13,647,217	18,595,300	19,481,640
Stark .....	9,413,008	15,793,194	21,971,600	31,453,240	32,516,510
Ashland .....	4,678,991	8,239,100	10,384,386	12,982,931	13,193,786
Totals .....	\$28,853,808	\$45,879,969	\$61,602,867	\$83,040,771	\$85,712,106

## WESTERN RESERVE.

Counties.	1850.	1860.	1870.	1871	1872.
Cuyahoga .....	\$10,474,689	\$31,006,163	\$53,489,729	\$82,288,584	\$85,138,221
Trumbull .....	7,222,077	11,089,166	15,116,557	19,098,018	19,150,628
Summit .....	6,324,251	11,000,043	16,853,683	21,433,877	21,814,614
Huron .....	5,355,228	10,865,300	13,946,984	17,363,527	17,747,692
Totals .....	\$29,376,445	\$63,961,672	\$99,406,953	\$140,184,006	\$143,851,155

## MAUMEE COUNTRY.

Counties.	1850.	1860.	1870.	1871.	1872.
Lucas .....	\$3,016,042	\$6,384,750	\$12,892,020	\$20,990,480	\$21,588,240
Putnam .....	863,944	3,044,018	3,717,326	5,211,277	5,386,908
Williams .....	990,726	2,858,789	4,175,253	6,861,182	7,036,569
Defiance .....	1,022,402	2,533,990	3,182,083	4,792,797	4,995,031
Totals .....	\$5,893,114	\$14,821,547	\$23,966,682	\$37,855,736	\$39,006,748

The map herewith submitted, (lithographed for this report,) shows the amount of wealth per capita, and the location thereof, in all the States of the Union. This map was prepared by Gen. F. A. Walker, Superintendent of the Census, and is one of a valuable series which that accomplished gentleman is to print in his completed census. In the language of the author of this map, "a thousand persons will thus obtain without effort, just and vivid impressions of their country, physically and industrially, where one would by long and painful study of the tables of the census." This map will be understood at a glance. The marginal index with the numbers I, II, III and IV, indicates the average aggregate wealth to each inhabitant. It will be observed that the Western Reserve, a large portion of central Ohio, and a wide belt of northern central Ohio, average from \$750 to \$1,250 to every inhabitant. A considerable portion

of central Ohio, including the northern part of the Scioto valley, and almost the entire Miami valley, averages from \$1,250 to \$2,000 per capita. The city of Cincinnati and the country immediately surrounding, is the only part of Ohio where the aggregate wealth averages over \$2,000 per capita. This map only represents the developed wealth, and is no criterion of the actual resources of the country.

By consulting the population tables published in this report, a fair estimate may be taken of the comparative wealth of the respective States.

Under this head I present some highly interesting tables, which were translated and consolidated for this report, showing :

1st. The relative power of the United States as compared with twenty-one other nations.

2d. The increase of the United States, and the increase and decline of six other prominent nations during the last fifty years.

3d. Foreign possessions of European States, &c.

4th. Proportional finances of fifteen prominent nations.

5th. Comparative table of public debts, paper money, &c., of twelve prominent nations.

In a former report I mentioned that modern statisticians were devoting great attention to comparative statistics, and it was intimated that some spare room would hereafter be devoted to tables of this nature. The appended tables, consolidated from advance sheets of the "Leipzig Illustrated Almanac," give a fair idea of this class of statistics. The original tables in the Almanac were in thalers, which I have estimated in dollars. The geographical miles are left as in the original.



## I.

*Relative Power of the more prominent Nations.*

Names.	Territorial extent: square miles.	Population.	Inhabitants per square mile.
United States.....	142,726	38,800,000	272
European Russia.....	96,856	71,195,394	724
Anstro-Hungarian Monarchy.....	11,305	35,904,435	3,183
Italy.....	5,376	26,716,809	4,970
Great Britain and Ireland.....	5,697	31,817,108	5,584
France.....	9,599	26,469,836	3,305
German Empire.....	9,812	41,058,139	4,185
Argentine (Buenos Ayres).....	41,000	1,830,000	44
Belgium.....	535	5,830,000	9,387
Brazil.....	153,000	10,000,000	66
Chili.....	6,238	1,940,000	311
Columbia.....	24,178	3,000,000	125
Denmark.....	694	1,784,741	2,572
Ecuador.....	10,300	1,100,000	100
Mexico.....	35,825	9,200,000	256
Holland.....	596	3,628,337	6,017
Peru.....	24,000	2,800,000	114
Portugal.....	1,684	4,361,000	2,461
Spain.....	9,200	16,835,000	1,830
Roumania.....	2,197	4,500,000	2,045
Canadian Dominion.....	163,766	3,648,000	22
Australia.....	120,136	1,960,000	16

## II.

*Increase and Decline of the Seven Principal Nations during the past fifty years.*

Names.	By territory.		By population.	
	Per square mile.	Per cent.	Per capita.	Per cent.
United States.....	100,000	232	29,300,000	302
Sardinia absorbing Italy.....	4,003	292	23,000,000	622
Prussia becoming German Empire.....	4,781	95	29,333,000	251
Russia.....	Stationary.	.....	21,000,000	42
Great Britain.....	"	.....	11,000,000	52
France.....	Decrease 11	Decrease 7½	6,000,000	20
Austria.....	" 816	" 01	4,800,000	15

## III.

*Foreign Possessions of European States.*

Names.	Square miles of foreign possessions.	Income therefrom.	Total square miles, home and foreign.	Total population, home and foreign.
Great Britain.....	371,660	\$119,000,000	377,300	202,000,000
Russia .....	280,000	7,700,000	377,000	82,000,000
Turkey .....	81,000	19,300,000	90,400	43,400,000
France .....	21,540	4,110,000	31,140	42,750,000
Holland .....	32,253	15,800,000	32,900	27,000,000
Spain .....	5,643	4,250,000	14,700	23,000,000
Portugal .....	34,800	2,700,000	36,500	8,250,000
Denmark .....	4,100	97,000	4,800	1,910,000
Sweden .....	$\frac{1}{2}$	2,000	8,024	4,170,000

	Square geographical miles.	Population.
United States have a total of.....	170,000	39,000,000
Europe .....	180,000	300,000,000

## IV.

*Proportional Finances of Principal Nations.*

Names.	Gross income per head.	Per cent. thereof paid on public debt.	Am't paid per head for army and navy.
United States.....	\$12 00	64	\$ 74
France .....	11 90	47	2 88
Italy .....	10 50	36	1 45
Great Britain.....	9 70	42	2 95
Turkey .....	8 50	31	1 52
German Empire.....	8 40	15	1 42
Austro-Hungarian Monarchy.....	7 20	33	1 41
Spain .....	7 00	25	78
Belgium .....	6 90	24	1 42
Portugal .....	5 10	40	79
Switzerland.....	5 00	15	70
Russia .....	4 50	20	1 42
Greece .....	4 00	26	71
Roumania .....	3 00	18	28
Holland .....	10 00	28	4 20

V.

*Proportional finances of most prominent nations.*

Names.	Income from direct taxes, including sales of land.	From tariffs	Excises.	Stamps.	Total indirect taxes.
Belgium.....	\$18,160,000	\$2,320,000	\$5,180,000	\$7,770,000	\$15,400,000
Brazil.....	1,540,000	15,960,000	.....	1,550,000	21,000,000
France.....	107,100,000	45,500,000	82,600,000	128,800,000	256,900,000
Greece.....	1,300,000	1,720,000	.....	65,000	2,380,000
Great Britain.....	69,300,000	94,500,000	105,000,000	44,800,000	244,300,000
Italy.....	120,750,000	15,750,000	36,400,000	23,100,000	74,900,000
Mexico.....	1,207,500	8,750,000	.....	2,910,000	11,900,000
Holland.....	18,620,000	1,820,000	10,920,000	6,360,000	19,040,000
Austro-Hungarian.....	161,000,000	8,610,000	30,800,000	17,500,000	56,700,000
Portugal.....	5,236,000	5,116,000	4,620,000	1,890,000	11,600,000
Russia.....	138,600,000	30,100,000	131,350,000	1,330,000	175,000,000
Spain.....	82,600,000	10,500,000	.....	.....	18,520,000
Turkey.....	17,150,000	8,400,000	.....	36,050,000	44,450,000

United States finances are now too shifting to be placed in such a comparative table.

VI.

*Comparative table of public debts, paper money, and bank notes of prominent nations.*

Names.	Amount of debt per head.	Amount of debt in dollars.	Amount of paper money and bank notes.
Belgium.....	\$26 60	\$131,600,000	.....
Brazil.....	21 00	210,000,000	\$52,500,000
German Empire.....	18 90	770,000,000	227,500,000
France.....	116 90	4,291,000,000	140,000,000
Greece.....	30 80	44,800,000	2,800,000
Great Britain.....	116 20	3,710,000,000	28,000,000
Italy.....	70 00	1,866,200,000	70,000,000
Holland.....	105 00	389,900,000	3,990,000
Austro-Hungarian.....	42 00	1,540,000,000	196,000,000
Russia.....	18 90	1,522,500,000	597,800,000
Spain.....	82 60	1,400,000,000	461,000,000
United States.....	56 00	2,231,191,026	742,600,000

NOTE.—The square miles in the foregoing tables are German. A German square mile is equal to about 21.16 English. The grand total area of the United States, exclusive of Alaska, is 3,000,002,013 square miles.

## TAXATION.

The amount of the levies in Ohio for 1872 is as follows :

*For State purposes.*

Sinking Fund.....	\$1,217,350 44
For General Revenue Fund (for support of State Government).....	1,673,852 75
For Common School Fund .....	1,523,354 06
Total State levies .....	<u>\$4,414,557 25</u>

*For County purposes.*

Ordinary county purposes .....	\$2,005,513 57
Support of the poor.....	623,150 29
Bridge purposes.....	1,449,367 26
Building purposes.....	714,863 13
Road purposes .....	998,022 58
Payments of railroad and other debts .....	553,098 51
Total county levies.....	<u>\$6,344,015 34</u>

*For Township, School, Special, City and Town Taxes.*

Ordinary expenses.....	\$681,359 59
School and school houses .....	5,363,618 08
Other special purposes.....	887,300 43
City and village purposes.....	5,558,129 05
Total township, special and city taxes.....	<u>\$12,490,407 15</u>
Total county and other local taxes.....	<u>\$18,834,422 49</u>
Total taxes for all purposes.....	<u>\$23,248,979 74</u>
Delinquencies and forfeitures .....	<u>\$561,992 23</u>
Total taxes, including delinquencies.....	<u>\$23,810,971 97</u>

The principal objects for which money is raised by taxation in the State are as follows :

School purposes of all kinds.

City and township taxes (exclusive of school, but including the poor.)

County tax (including bridges and roads.)

State debt.

For the support of the State Government, (which includes all departments and objects of State action.)

The following exhibits the valuation of the five counties named, and the amount of taxes levied for county purposes, in each :

Counties.	Valuation.	Local Taxes.
Cuyahoga .....	\$85,138,221 00	\$1,723,766 14
Hamilton .....	215,359,685 00	3,430,152 25
Franklin .....	47,073,890 00	657,462 70
Montgomery .....	45,913,080 00	607,855 37
Lucas .....	21,588,240 00	690,911 86

## TAXATION OF CITIES.

The valuation of the five largest cities in the State, together with the amounts assessed in each, for city purposes, is as follows :

Cities.	Valuation.	City Tax.
Cleveland .....	\$59,723,871 00	\$925,793 49
Cincinnati .....	175,084,296 00	2,171,045 27
Columbus .....	24,395,850 00	214,683 48
Dayton .....	19,901,940 00	189,068 43
Toledo .....	16,518,850 00	290,731 76

The proportion of State and local taxes paid by the largest tax-paying counties in 1872, is shown by the following table :

Counties.	State.	Local.
Hamilton .....	\$624,543 08	\$3,430,152 25
Cuyahoga .....	246,898 97	1,723,766 14
Montgomery .....	133,147 93	607,855 37
Franklin .....	136,514 29	657,462 70
Lucas .....	62,605 88	690,911 86

Following will be found a table showing the amount of taxes paid by the State of Ohio to the General Government during the fiscal year ending June 30, 1872. The total is \$14,905,229.21. The total in 1871 was \$15,149,489. I am under obligations to Hon. J. B. Taylor, of the Treasury Department, Washington, for the detailed statement by collection districts.

Following this table will be found tables exhibiting the indebtedness of every description, of the several counties of Ohio, as it existed Sept. 1st, 1872 ; also a consolidated abstract of the aggregate net amount of debts of all the counties, townships, cities, &c., as reported to the Auditor of State ; also an exhibit of the indebtedness of the several cities of Ohio ; also a comparison of the indebtedness of the five principal cities of Ohio ; also of the amount of Government bonds in Ohio.

## FEDERAL TAXATION

*Statement showing the Collection from the General Sources of Revenue,  
ended June*

Sources of Revenue.	1st District.	3d District.	4th District.
Spirits .....	\$4,174,311 83	\$1,330,636 22	\$670,934 45
Tobacco .....	1,075,655 16	249,913 16	18,906 27
Fermented liquors .....	394,905 58	38,743 98	7,669 12
Banks and bankers .....	44,649 82	10,382 89	3,229 11
Gas .....	93,295 12	6,559 76	766 47
Income .....	272,369 82	34,613 53	7,341 74
Articles, etc., formerly taxed but now exempt	11,163 11	7,269 37	1,289 79
Penalties, etc., collected .....	6,132 38	19,666 40	2,668 93
Aggregate receipts .....	\$6,072,487 83	\$1,697,785 31	\$712,865 88

## FEDERAL TAXATION

Sources of Revenue.	11th District.	12th District.	13th District.	14th District.
Spirits .....	\$561,386 79	\$457,657 78	\$11,290 63	\$20,092 21
Tobacco .....	25,678 33	9,933 31	30,853 41	15,085 54
Fermented liquors .....	6,613 48	9,267 43	10,346 03	8,184 08
Banks and bankers .....	4,066 62	2,505 40	5,200 40	3,324 70
Gas .....	2,122 68	1,740 46	3,107 50	668 54
Income .....	12,603 36	13,577 61	18,429 18	4,261 95
Articles, etc., formerly taxed but now exempt .....	165 89	4,776 74	12,001 52	7,160 82
Penalties, etc., collected .....	93 25	35,285 04	762 02	96 35
Aggregate receipts .....	\$612,730 40	\$534,748 77	\$91,990 69	\$58,874 19



IN OHIO.

*returned from the several Collection Districts of Ohio, during the fiscal year 30, 1872.*

5th District.	6th District.	7th District.	8th District.	9th District.	10th District.
\$224,837 82	\$678,800 80	\$527,532 64	\$6,830 06	\$608,829 47	\$385,910 85
11,804 74	29,025 50	35,782 98	9,399 64	17,419 76	713,945 76
8,610 81	3,607 00	37,732 73	6,558 88	32,925 86	47,151 84
5,493 42	2,240 04	11,644 08	4,561 27	3,930 79	4,914 71
-----	137 12	10,407 58	1,262 14	1,739 93	8,169 06
2,544 91	5,905 20	71,648 11	4,860 79	19,519 37	55,384 00
708 37	1,616 89	7,396 39	2,106 56	572 94	2,341 18
67 68	127 84	32 55	-----	2,106 39	822 63
\$254,067 75	\$721,460 39	\$702,177 06	\$35,579 34	\$687,044 51	\$1,218,640 03

IN OHIO—Continued

15th District.	16th District.	17th District.	18th District.	19th District.	Total.
\$8,779 76	\$43,871 08	\$266,842 20	\$142,560 90	\$20,129 47	\$10,141,234 96
68,871 51	40,732 40	43,189 11	301,589 90	12,303 36	2,710,094 84
5,944 68	2,735 88	16,521 08	96,341 68	13,296 59	747,156 73
2,262 60	2,855 36	6,979 68	31,686 33	10,052 74	160,019 97
218 48	-----	2,044 77	35,363 15	1,771 57	169,374 33
5,578 78	5,137 22	13,977 26	278,914 99	12,770 96	839,438 78
1,146 30	1,530 17	1,660 23	2,534 45	1,537 84	66,983 56
40 41	267 03	474 91	1,943 39	338 84	70,926 04
\$92,842 52	\$97,129 14	\$351,689 24	\$890,914 79	\$72,201 37	\$14,905,229 21

*Exhibit of the indebtedness of every description, funded and unfunded, of the several counties of the State as it existed on the first day of September, 1872, as reported to Auditor of State.*

COUNTIES.	Amount of debts.	Amount provided for payment.	Net amount of debts.
Adams .....	\$102,190 00	\$2,873 00	\$99,317 00
Allen .....	17,550 00	12,229 61	5,320 39
Ashland .....			
Ashtabula .....			
Athens .....	23,000 00	5,665 61	22,334 39
Auglaize .....			
Belmont .....	87,044 54		87,044 54
Brown .....	5,000 00		5,000 00
Butler .....	100,146 00		100,146 00
Carroll .....			
Champaign .....	231,706 49	34,036 39	197,640 10
Clark .....			
Clermont .....	11,040 00		11,040 00
Clinton .....	151,970 24	9,249 13	142,721 11
Columbiana .....	64,000 00		64,000 00
Coshocton .....			
Crawford .....			
Cuyahoga .....			
Darke .....	18,000 00		18,000 00
Defiance .....	20,000 00		20,000 00
Delaware .....	9,283 33	300 00	8,983 33
Erie .....			
Fairfield .....	91,850 00	50,184 44	41,665 56
Fayette .....	166,926 56	83,312 26	83,614 30
Franklin .....	305,250 00		305,250 00
Fulton .....	11,000 00		11,000 00
Gallia .....			
Geauga .....	27,626 50	3,759 03	23,867 42
Greene .....	113,731 29	41,060 31	72,670 98
Guernsey .....	24,035 02	7,972 87	16,062 15
Hamilton .....	531,813 08	10,245 13	521,567 95
Hancock .....			
Hardin .....	165,000 00	32,780 79	132,219 21
Harrison .....			
Henry .....	9,000 00		9,000 00
Highland .....	186,684 00	722 00	185,962 00
Hocking .....	13,906 40	929 79	12,976 61
Holmes .....			
Huron .....			
Jackson .....	44,657 74	11,099 92	33,557 82
Jefferson .....	84,200 00		84,200 00
Knox .....			
Lake .....			
Lawrence .....	22,452 04	8,243 12	14,208 92
Licking .....			
Logan .....	149,800 00	23,540 00	126,260 00
Lorain .....			
Lucas .....	70,481 23	6,079 37	64,401 86
Madison .....	28,123 90	4,298 91	23,824 99
Mahoning .....			
Marion .....			
Medina .....			
Meigs .....			
Mercer .....			
Miami .....	110,000 00		110,000 00
Monroe .....			
Montgomery .....	148,918 00	79,370 05	69,547 95

*Exhibit of the indebtedness of every description, &c.—Continued.*

COUNTIES.	Amount of debts.	Amount provided for payment.	Net amount of debts.
Morgan .....			
Morrow .....			
Muskingum .....	\$26,500 00	\$26,342 33	\$157 67
Noble .....	37,071 96		37,071 96
Ottawa .....	27,923 00		27,923 00
Paulding .....	2,000 00	568 79	1,431 21
Perry .....			
Pickaway .....	26,800 00	5,345 21	21,454 79
Pike .....	17,487 00	2,097 19	15,389 81
Portage .....			
Preble .....			
Putnam .....			
Richland .....	76,100 00	8,994 68	67,105 32
Ross .....	335,300 00	44,542 39	290,757 61
Sandusky .....	19,189 00		19,189 00
Scioto .....	108,000 00	18,996 98	89,003 02
Seneca .....			
Shelby .....	125,900 00		125,900 00
Stark .....	88,361 00	24,823 74	63,537 26
Summit .....	10,000 00		10,000 00
Trumbull .....	37,897 43	21,318 90	16,578 53
Tuscarawas .....			
Union .....	136,962 00	9,750 00	127,212 00
Van Wert .....			
Vinton .....	22,114 46	1,794 19	20,320 27
Warren .....			
Washington .....	100,000 00		100,000 00
Wayne .....			
Williams .....			
Wood .....			
Wyandot .....			
Totals .....	\$4,343,992 21	\$592,556 18	\$3,756,436 03

*A consolidated abstract of the aggregate net amount of debts of all the counties, townships, cities, incorporated villages, and separate school districts in the State on the 1st day of September, 1872, as reported in pursuance of the act of May 2, 1871.*

COUNTIES.	Debts of counties.	Debts of townships.	Debts of cities and villages.	Debts of separate school districts.	Total.
Adams .....	\$99,317 00	\$1,459 86	.....	.....	\$100,776 86
Allen .....	5,320 39	75,569 91	.....	.....	80,890 30
Ashland .....	.....	349 00	\$4,643 28	.....	4,992 28
Ashtabula .....	.....	2,217 06	6,584 18	\$6,779 37	15,580 61
Athens .....	22,334 29	.....	5,185 92	.....	27,520 31
Auglaize .....	.....	12,144 96	8,781 29	.....	20,926 25
Belmont .....	87,044 54	1,700 00	10,368 00	20,132 04	128,244 58
Brown .....	5,000 00	3,286 50	.....	.....	8,286 50
Butler .....	100,146 00	1,427 31	63,944 60	5,275 03	170,792 94
Carroll .....	.....	356 99	.....	.....	356 99
Champaign .....	197,610 10	1,600 00	20,279 80	27,625 00	247,144 90
Clarke .....	.....	.....	40,194 49	.....	40,194 49
Clermont .....	11,040 00	2,055 47	5,263 45	.....	18,358 92
Clinton .....	142,721 11	45 38	1,237 03	9,833 57	153,837 09
Columbiana .....	64,000 00	1,417 43	636 73	19,050 00	85,164 16
Coshocton .....	.....	500 00	300 00	33 96	833 96
Crawford .....	.....	.....	81,662 08	28,000 00	109,662 08
Cuyahoga .....	.....	11,948 59	1,436,712 24	1,410 40	1,461,071 23
Darke .....	18,000 00	4,042 78	5,470 09	615 00	28,127 87
Defiance .....	20,000 00	536 83	.....	.....	20,536 83
Delaware .....	8,983 33	.....	62,499 00	.....	71,482 33
Erie .....	.....	.....	19,500 00	.....	19,500 00
Fairfield .....	41,665 56	4,367 00	19,546 48	25,671 90	91,250 94
Fayette .....	83,614 30	1,862 29	2,300 00	.....	87,776 59
Franklin .....	305,250 00	2,740 36	1,021,507 50	43,401 40	1,377,899 26
Fulton .....	11,000 00	471 91	604 71	1,748 74	13,825 36
Gallia .....	.....	801 78	97,801 37	1,040 00	99,643 15
Geauga .....	23,867 42	5,119 76	.....	.....	28,987 18
Greene .....	72,670 98	.....	60,259 80	.....	132,930 78
Guernsey .....	16 052 15	32,446 95	275 00	.....	48,784 10
Hamilton .....	521,567 95	17,259 19	5,350,767 79	475,267 28	6,364,862 21
Hancock .....	.....	3,198 00	10,223 00	.....	13,421 00
Hardin .....	132,219 21	.....	13,591 25	.....	145,810 46
Harrison .....	.....	9,266 58	.....	.....	9,266 58
Henry .....	9,000 00	690 00	.....	42,500 00	52,190 00
Highland .....	185,962 00	1,445 38	.....	.....	187,407 38
Hocking .....	12,976 61	.....	6,300 74	.....	19,277 35
Holmes .....	.....	962 40	.....	.....	962 40
Huron .....	.....	.....	86,160 12	.....	86,160 12
Jackson .....	33,559 82	4,231 85	1,000 00	7,000 00	45,789 67
Jefferson .....	84,200 00	53,913 72	91,000 00	22,193 66	251,307 38
Knox .....	.....	1,818 68	9,514 59	.....	11,333 27
Lake .....	.....	240 00	5,401 25	4,655 00	10,296 25
Lawrence .....	14,208 92	2,203 00	.....	.....	16,411 92
Licking .....	.....	586 00	316 74	2,700 00	3,602 74
Logan .....	126,260 00	70 00	1,750 00	.....	128,080 00
Lorain .....	.....	1,032 87	1,200 00	.....	2,232 87
Lucas .....	64,401 86	579 98	806,066 02	269,936 26	1,140,984 12
Madison .....	28,824 99	5,405 33	.....	.....	29,230 32
Mahoning .....	.....	1,616 65	165,123 51	.....	166,740 16
Marion .....	.....	.....	11,460 39	.....	11,460 39
Medina .....	.....	.....	224 00	10,751 44	10,975 44
Meigs .....	.....	782 63	.....	11,175 96	11,958 59
Mercer .....	.....	3,033 32	.....	1,929 18	4,962 50
Miami .....	110,000 00	7,529 34	254,125 01	375 00	372,029 35

*A consolidated abstract of the aggregate net amount of debts, &c.—Continued.*

COUNTIES.	Debts of counties.	Debts of townships.	Debts of cities and vil- lages.	Debts of separate school dis- tricts.	Total.
Monroe .....		2,018 43	53 20	1,140 00	3,211 63
Montgomery.....	69,547 95	2,535 37	728,650 00	3,030 80	803,764 12
Morgan .....			6,466 60		6,466 60
Morrow .....		525 00	474 19		999 19
Muskingum .....	157 67	20,000 00	487,556 91		507,714 58
Noble .....	37,071 96	189 41			37,261 37
Ottawa .....	27,923 00	3,525 26	2,441 12		33,889 38
Paulding .....	1,431 21	824 14	1,405 52		3,660 87
Perry .....			1,760 00		1,760 00
Pickaway .....	21,454 79	4,554 63	6,181 61		32,191 03
Pike .....	15,389 81	245 27	900 00		16,535 08
Portage .....		2,855 53	5,300 00	3,637 57	11,793 10
Preble .....		2,780 84	16,700 00	2,616 00	22,096 84
Putnam .....		7,427 48	400 00		7,827 48
Richland .....	67,005 32	7,367 48	155,661 06		230,133 86
Ross .....	290,757 61	150 00	33,990 52		324,898 13
Sandusky .....	19,189 00	5,829 50			25,018 50
Scioto .....	89,003 02	2,482 95	208,185 38		299,671 35
Seneca .....		1,443 51	59,249 43		60,692 94
Shelby .....	125,900 00	1,220 09			127,120 09
Stark .....	63,537 26	1,183 89	223,617 35	16,476 00	304,814 50
Summit .....	10,000 00	31,908 00	109,551 76	59,111 93	210,571 69
Trumbull .....	16,578 53	6,423 19	19,309 13		42,310 85
Tuscarawas .....		3,564 88	23,073 25		26,638 13
Union .....	127,212 00	1,127 44	251 00		128,590 44
Van Wert .....		189 41	5,325 85	37,564 97	43,080 23
Vinton .....	20,320 27	5,006 00	225 00	820 45	26,371 72
Warren .....		3,270 15	8,591 75	3,364 51	15,226 41
Washington .....	100,000 00	1,833 99	208,000 00		309,833 99
Wayne .....		1,750 00	3,159 09	71,444 75	76,353 84
Williams .....		257 00			257 00
Wood .....		2,195 72		11,416 00	13,611 72
Wyandot .....		4,000 00			4,000 00
Totals .....	3,756,436 03	407,188 10	12,112,150 67	1,274,723 17	17,550,497 97



*Exhibit of the indebtedness of every description, funded and unfunded, of the several cities of the State, as it existed on the 1st day of September, 1872, as reported to the Auditor of State, in compliance with an act of the General Assembly of the State of Ohio, passed May 2d, 1871.*

CITIES.	Amount of debts.	Amount provided for payment.	Net amount of debts.
<i>Cities of the 1st Class—</i>			
Cincinnati .....	\$6,051,000 00	\$734,089 44	\$5,316,910 56
Cleveland .....	3,139,000 00	1,702,287 76	1,436,712 24
Toledo .....	825,244 00	19,177 98	806,066 02
<i>Cities of the 2d Class—</i>			
Akron .....	67,643 76		67,643 76
Canton .....	205,949 23		205,949 23
Chillicothe .....	37,000 00	3,009 48	33,990 52
Cireleville .....	6,000 00		6,000 00
Columbus .....	1,021,000 00		1,021,000 00
Dayton .....	715,650 00		715,650 00
Gallipolis .....	98,865 26	1,063 89	97,801 37
Hamilton .....	63,744 60		63,744 60
Ironton* .....			
Lancaster .....	22,358 90	3,017 19	19,341 71
Mansfield .....	178,400 60	22,877 54	155,522 46
Marietta .....	171,000 00		171,000 00
Massillon .....	11,402 07		11,402 07
Mt. Vernon .....	11,584 90	2,930 31	8,654 59
Newark .....	5,625 00	5,308 26	316 74
Piqua .....	203,700 00		203,700 00
Pomeroy† .....			
Portsmouth .....	219,190 00	11,001 62	208,188 38
Sandusky .....	17,000 00		17,000 00
Springfield .....	39,421 65		39,421 65
Steubenville .....	91,000 00		91,000 00
Tiffin .....	59,000 00		59,000 00
Urbana .....	23,000 00	10,655 60	12,344 40
Warren .....	15,809 13		15,809 13
Wooster .....	17,149 65	13,990 56	3,159 09
Xenia .....	59,000 00		59,000 00
Youngstown .....	165,123 61		165,123 61
Zanesville .....	490,970 91	6,829 00	484,141 91
Totals .....	\$14,031,832 67	\$2,536,241 63	\$11,495,591 04

\* No report.

† No debts.



*A comparison of the indebtedness of the principal cities of the State.*

CITIES.	City debts.	Separate school district debts.	Total.
Cincinnati .....	\$5,316,910 56	\$452,500 81	\$5,769,411 37
Cleveland* .....	1,436,712 24	-----	1,436,712 24
Columbus .....	1,021,000 00	44,179 00	1,065,179 00
Toledo † .....	806,066 02	-----	806,066 02
Dayton ‡ .....	715,650 00	-----	715,650 00
Totals .....	\$9,296,338 82	\$496,679 81	\$9,793,018 63

\* \$479,000.00 of this amount is for the erection of school buildings.

† 269,724.78 " " "

‡ 35,000.00 " " "

*Amount of Government Bonds held in Ohio.*

Counties.	Amount.	Counties.	Amount.
Adams .....	\$70,973 00	Licking .....	\$87,540 00
Allen .....	16,073 00	Logan .....	31,007 00
Ashland .....	97,246 00	Lorain .....	66,985 00
Ashtabula .....	137,310 00	Lucas .....	16,600 00
Athens .....	88,531 00	Madison .....	21,154 00
Auglaize .....	14,504 00	Mahoning .....	136,726 00
Belmont .....	153,391 00	Marion .....	45,546 00
Brown .....	117,154 00	Medina .....	66,566 00
Butler .....	138,238 00	Meigs .....	86,117 00
Carroll .....	79,052 00	Mercer .....	28,507 00
Champaign .....	37,837 00	Miami .....	75,713 00
Clarke .....	336,306 00	Monroe .....	126,324 00
Clermont .....	116,287 00	Montgomery .....	195,424 00
Clinton .....	159,743 00	Morgan .....	60,109 00
Columbiana .....	85,271 00	Morrow .....	29,480 00
Coshocton .....	77,381 00	Muskingum .....	270,197 00
Crawford .....	76,476 00	Noble .....	114,380 00
Cuyahoga .....	109,370 00	Ottawa .....	16,250 00
Darke .....	11,410 00	Paulding .....	12,900 00
Defiance .....	14,478 00	Perry .....	86,151 00
Delaware .....	157,095 00	Pickaway .....	70 288 00
Erie .....	92,680 00	Pike .....	29,273 00
Fairfield .....	113,589 00	Portage .....	113,255 00
Fayette .....	4,834 00	Preble .....	40,433 00
Franklin .....	129,606 00	Putnam .....	34,878 00
Fulton .....	11,128 00	Richland .....	117,751 00
Gallia .....	119,433 00	Ross .....	106,469 00
Geauga .....	82,076 00	Sandusky .....	20,495 00
Greene .....	226,665 00	Scioto .....	96,626 00
Guernsey .....	102,390 00	Seneca .....	79,802 00
Hamilton .....	1,615,270 00	Shelby .....	16,070 00
Hancock .....	43,282 00	Stark .....	126,050 00
Hardin .....	17,480 00	Summit .....	62,297 00
Harrison .....	104,375 00	Trumbull .....	256,070 00
Henry .....	8,889 00	Tuscarawas .....	46,466 00
Highland .....	118,063 00	Union .....	15,092 00
Hocking .....	46,246 00	Van Wert .....	11,644 00
Holmes .....	37,670 00	Vinton .....	22,657 00
Huron .....	161,927 00	Warren .....	276,166 00
Jackson .....	178,383 00	Washington .....	243,853 00
Jefferson .....	124,065 00	Wayne .....	243,261 00
Knox .....	74,764 00	Williams .....	8,669 00
Lake .....	309,700 00	Wood .....	15,819 00
Lawrence .....		Wyandot .....	35,940 00
Total .....			\$9,378,747 00

## DEBTS.

The Public Funded Debt of Ohio on the 15th of November, 1872, was as follows :

On the 15th day of May, 1872, the funded debt of the State was..... \$3,775,751 60

The redemptions during the six months were :

Loan of 1860.....	\$170 00	
Loan of 1870.....	192,035 23	
		<hr/> 192,205 23

Outstanding November 15, 1872.....	\$3,583,546 37
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This sum consists of the following loans :

*Foreign Debt—Payable in New York.*

Loan payable after December 31, 1860, not bearing interest.....	\$100 00
Loan payable July 1, 1868, not bearing interest .....	2,500 00
Loan payable after December 31, 1870, not bearing interest..	\$97,750 00
Loan payable after December 31, 1870, bearing 6 per cent interest.....	403,214 27
	<hr/> 505,964 27
Loan payable after December 31, 1875, bearing 6 per cent. interest.....	1,599,000 00
Loan payable after June 30, 1881, bearing 6 per cent. interest.....	4,074,317 10
Loan payable after December 31, 1886, bearing 6 per cent. interest.....	2,400,000 00
	<hr/>
Total foreign debt.....	\$8,581,881 37

*Domestic Debt—Payable at Columbus.*

Canal loan, not bearing interest.....	\$1,665 00
	<hr/>
Total domestic debt .....	1,665 00
	<hr/>
Total funded debt .....	\$8,583,546 37

Deducting the \$102,015 of the debt on which interest has ceased, from the total amount outstanding, and there remains the sum of \$8,481,531.37 as the amount of the interest bearing funded debt.

The following table exhibits the debt of the United States in 1862 and 1872, and the debt of twenty-seven foreign States, with increase of the same during the decade. The figures are in £ of \$5.

*State debts and their increase (England excepted) during the last decade.*

Countries.	1862.	1872.	Increase.
Argentine Republic .....	£3,000,000	£17,500,000	£14,500,000
Austria .....	250,000,000	300,000,000	50,000,000
Germany .....	60,000,000	120,000,000	60,000,000
Bolivia .....	nominal.	2,000,000	2,000,000
Belgium .....	26,200,000	30,000,000	3,800,000
Brazil .....	5,000,000	60,000,000	55,000,000
Chili .....	2,800,000	7,500,000	4,700,000
Costa Rica .....	nominal.	3,400,000	3,400,000
Denmark .....	11,000,000	12,800,000	1,800,000
Danubian Principalities .....	.....	5,000,000	5,000,000
Egypt .....	3,300,000	45,000,000	41,700,000
Spain .....	150,000,000	306,000,000	156,000,000
United States .....	75,000,000	446,238,205	371,238,205
France .....	336,000,000	970,000,000	574,000,000
Guatemala .....	300,000	600,000	300,000
Honduras .....	.....	5,000,000	5,000,000
Holland .....	87,000,000	80,000,000	D. 7,000,000
Italy .....	100,000,000	275,000,000	175,000,000
Japan .....	.....	1,000,000	1,000,000
Mexico .....	20,000,000	60,000,000	40,000,000
Paraguay .....	.....	3,000,000	3,000,000
Peru .....	5,500,000	37,000,000	31,500,000
Portugal .....	33,000,000	65,000,000	32,000,000
Russia .....	230,000,000	350,000,000	120,000,000
Sweden .....	3,000,000	6,000,000	3,000,000
Turkey .....	23,000,000	130,000,000	107,000,000
Uruguay .....	4,000,000	6,000,000	2,000,000
Venezuela .....	5,000,000	8,000,000	3,000,000
Total .....	1,493,100,000	3,352,038,205	1,859,038,205

### VIOLENT AND UNNATURAL DEATHS.

The following table gives the number of deaths by violence, reported for year ending July 1st, 1872 :

Homicide .....	94
Killed by accident .....	361
Suicide .....	117
Violent diseases .....	256
Total .....	828

The number of inquests held during the year, as reported by the Coroners, is 628 ; the number of deaths superinduced by intemperance,\* 115.

It will be seen by reference to the table that three counties have not been reported.

\* NOTE.—As returned to this office by Coroners.

## PAUPERISM AND CRIME.

## PAUPERISM.

Ohio.	1850.	1860.	1870.
Whole number of paupers supported during the year ending June 1st .....	2,513	5,953	6,383
Cost of annual support .....	95,250	311,109	566,280
Number of native paupers receiving support June 1st .....	1,254	.....	2,860
“ foreign “ “ “ “ “ .....	419	.....	814

For the foregoing statistics of pauperism, and the many valuable suggestions following, we are indebted to the report of the Commissioner of Statistics for the United States.

It is difficult to determine the actual number of paupers from the reports forwarded by the county auditors. The number of “persons” shown by the records of asylums, alms and work-houses to be received and discharged during the year, is largely fictitious, sometimes to the extent of one-half, two-thirds or five-sixths. An individual of the pauper class will often put in as many appearances during the year at the almshouse, as an individual of the criminal class at the police court; and when he has worn out his welcome in the larger cities, will make the tour of the country. The records of these institutions, however, show that not less than 7,419 paupers were admitted during the year—of this number probably three-fourths belong potentially to the vagabond class, many of them having counted as individuals in the records of admissions on a dozen different occasions.

Many persons receive temporary and partial assistance out of doors, from public and private funds. It would certainly be of curious interest to know the exact number of persons thus relieved throughout the State; but when we consider that the relief thus extended ranges from partial support to the most trifling assistance, a bushel of coal, a few soup tickets, or even a single dinner, it must appear plain that these are not the class of facts which can be used to determine with accuracy, the amount of pauperism, its bearing on the social system and its burden on the industry of the country.

For many reasons the cost of support must vary greatly between the city and country.

Unquestionably the most economical method of treating the pauperism of a community is found in the town farm system. Land, buildings, etc., being provided by the town, only one salary—that of the overseer—requiring to be paid, the pauper labor being employed to the full extent of physical ability, the cost to the counties using this agency is reduced to the minimum, often not exceeding fifty dollars per year. When it is remembered that an able-bodied laborer, engaged in agriculture in the country, can without difficulty provide food for himself and for three, four, or five persons dependent on him, it will appear wholly reasonable that even the partial and ineffective labor of the pauper on the town farm should so far reduce the cost of his maintenance. On the other hand, where paupers are gathered into large establishments, with numerous officials and extensive appointments, with no opportunity of employing the inmates, all articles of food and clothing have to be directly purchased, and the cost of support rises to \$100, \$125, and even \$150 per year.

The following statement gives the number of paupers and "State charges," as reported by the County Auditors, for the years of 1871 and 1872:

Ohio.	1871.	1872.
Number of paupers in county infirmaries.....	4,651	4,985
Number of paupers otherwise supported by the county.....	866	2,434
Total number .....	5,517	7,419
Persons supported by the State in Insane Asylums .....	819	825
Persons supported by the State in Reform Schools .....	155	157
Total.....	974	982

The number of paupers returned during the past nine years, are as follows:

1863 .....	5,511	1868 .....	5,223
1864 .....	4,700	1869 .....	5,837
1865 .....	4,486	1870 .....	5,051
1866 .....	6,037	1871 .....	5,517
1867 .....	5,445	1872 .....	7,419



CRIMES, PUNISHMENTS AND COSTS.

The necessity for a discriminating treatment of the returns of officers is even more evident in respect to the statistics of crime than has been noted in the foregoing remarks upon the statistics of pauperism, while, on the other hand, the difficulties of the subject are found to be much greater.

The following table is a recapitulation and classification of the general results, under the above heading, for the year ending July 1st, 1872, without reference to the particular form of crime, to-wit:

*A Recapitulation of Tables containing the Criminal Statistics of Ohio for the year ending July 1st, 1872.*

NATURE OF CRIME.	RESULT FINAL.															
	Number of indictments pending July 1, 1871.	Number of indictments found within the year.	Total.	Number of indictments disposed of.	Number of indictments still pending.	Number of persons included in the indictments.	Not prosecuted further than indictment.									
							Death previous to termination of prosecution.	Number of persons against whom indictment have been quashed, laid away, &c.			Total.	Imprisoned in penitentiary.	Imprisoned in county jail—only.	Fined—only.	Fined and imprisoned in county jail.	Restitution and fine.
								Number of persons in whose case nolle prosequi was entered.								
Offenses against the person .....	368	797	1165	776	389	1325	3	77	242	322	75	30	319	67	....	
Crimes against property .....	416	820	1236	772	464	1411	1	141	260	402	215	52	40	88	9	
Statutory crimes...	959	2636	3645	2581	1064	3582	11	196	951	1158	9	16	1304	41	....	
Total.....	1743	4303	6046	4129	1917	6318	15	414	1453	1882	299	98	1663	196	9	



The following table makes a comparison of the criminal statistics for 1872, with the same statistics for 1871 and 1870 :

	1872.	1871.	1870.
Number of persons prosecuted during the year.....	2,602	2,871	2,550
“ executed.....	3	3	3
“ imprisoned in penitentiary.....	299	325	377
“ “ the county jail only.....	98	145	134
“ fined only.....	1,063	1,812	1,523
“ fined and imprisoned in county jail.....	196	186	-----
“ sent to reform farm.....	15	22	-----
“ acquitted.....	223	281	333
Nolle prosequi.....	1,453	1,649	1,614
Failure to arrest.....	332	-----	269
Escaped.....	51	-----	83
Died before termination of prosecution.....	15	64	14
Indictments still pending.....	1,917	1,861	1,981
Number crimes committed under influence of liquor.....	572	438	267
“ indictments pending at commencement of year..	1,743	2,039	1,836
“ indictments found during the year.....	4,303	4,812	4,269
“ persons against whom indictments were laid away, etc.....	414	438	-----

#### COST AND EXPENSES OF TRIALS.

The several classes of costs and expenses of trial in criminal cases, are given as follows :

Amount of costs in criminal cases .....	\$97,945 36
“ taxed to defendant.....	62,893 91
“ collected .....	24,204 85

After deducting the amount taxed to defendant, there is left the sum of \$35,046.45 to be paid by the State. Of the amount taxed to the defendant, only \$24,204.85 has been collected, leaving the sum of \$38,694.06, the most of which is probably not collectable.

#### FINES AND COLLECTIONS.

The report of fines assessed, and the collections thereon for the year, are as follows :

Whole amount assessed .....	46,578 37
“ collected .....	28,347 22
“ probably collectable.....	10,470 75

#### COLLECTIONS ON FORFEITED RECOGNIZANCES.

The returns for the year show the following :

Amount of forfeited recognizances.....	38,230 54
“ collected on forfeited recognizances.....	8,661 75
Probable amount collectable.....	11,830 00

## NUMBER AND AMOUNT OF CIVIL JUDGMENTS.

The following are the returns under this head for the fiscal years of 1870, 1871 and 1872 :

	1870.	1871.	1872.
Number of civil judgments rendered.....	\$15,615 00	\$14,029 00	\$13,785 00
Total amount of money adjudged due....	9,247,672 13	18,339,765 27	7,993,132 03
Average amount of each judgment .....	592 23	13,072 77	579 80

From the above, it will be seen that there was a decrease in the number of judgments rendered, and also in the amount of money adjudged due.

The number of civil judgments rendered in the State from 1857 to 1872 inclusive, are as follows :

1857 .....	17,500
1858 .....	18,080
1859 .....	17,054
1860 .....	19,938
1861 .....	19,222
1862 .....	18,167
1863 .....	10,912
1864 .....	8,894
1865 .....	8,773
1866 .....	7,512
1867 .....	12,216
1868 .....	13,044
1869 .....	12,763
1870 .....	15,615
1871 .....	14,029
1872 .....	13,786

## PRISONERS, COST OF KEEPING, ETC.

The following statement gives number of prisoners confined in the county jails, and the cost of keeping them :

Whole number of prisoners during the year.....	5,000 00
Total cost .....	\$50,587 95

The foregoing table shows only the consolidation of the reports from eighty-one counties. The report is, therefore, in a measure incomplete and unreliable.

The Federal Census of 1870, gives the following additional statistic crime, for the years ending June 1st, 1850, 1860 and 1870 :

	1850.	1860.	1870.
Number of persons convicted during the year, ending June 1st .....	843	6,830	2,560
Total number of persons in prison, June 1st .....	133	623	1,405
"        native prisoners, " .....	102	265	1,018
"        foreign prisoners, " .....	31	358	387

DEEDS, LEASES, MORTGAGES, ETC.

The following will be found a comparative statement of the number of deeds, leases, mortgages, etc., for the years ending July 1st, 1870, 1871 and 1872 :

	1870.	1871.	1872.
No. of deeds recorded .....	76,457	76,402	77,183
No. of leases " .....	2,464	2,521	2,382
No. of mortgages recorded .....	40,080	42,400	45,463
Amount of money secured by mortgages .....	\$52,677,474 00	\$49,134,823 26	\$63,619,446 65
No. of railroad mortgages recorded .....		50	80
Amount of money secured by same .....		\$316,738,825 00	\$560,462,000 00
No. of mortgages, other than railroad mortgages, cancelled .....	19,072	20,570	23,8
Amount of money released by same .....	\$24,399,867 00	\$24,689,527 96	\$29,269,558

NEW STRUCTURES.

The number and value of new structures for 1872 are as follows :

	Number.	Value.	Average value.
Dwellings, hotels, etc. ....	12,601	\$7,229,420 00	\$573 71
Barns and stables .....	3,128	767,568 00	245 33
Mills, factories, machine shops, furnaces, etc. ....	258	596,750 00	2,312 93
Stores, warehouses, etc. ....	686	950,939 00	1,400 78
Churches .....	73	855,100 00	11,713 69
Public halls .....	9	97,180 00	10,797 77
Miscellaneous .....	239	149,860 00	626 94
Totals .....	16,994	\$10,656,817 00	\$627 63

Comparing the number and average value of the different kinds of structures, with the number and average value of those reported in 1869 and 1870, we have the following :

	No. 1869.	Average value, 1869.	No. 1870.	Average value, 1870.	No. 1871.	Average value, 1871.	No. 1872.	Average value, 1872.
Dwellings, hotels, etc..	14,230	\$705 55	11,360	\$610 74	9,939	\$556 08	12,601	\$573 71
Barns and stables.....	2,730	283 61	2,541	263 28	2,583	263 29	3,128	245 38
Mills, factories, etc.....	299	2,403 19	239	2,604 28	268	1,663 65	258	2,312 98
Stores, warehouses, etc..	333	1,734 60	650	2,277 73	461	1,478 05	686	1,400 78
Ch'ches public halls, etc	38	33,258 55	85	11,536 58	53	8,300 94	73	11,713 69
Public halls.....	.....	.....	.....	.....	30	6,501 20	9	10,797 77
Miscellaneous .....	.....	.....	.....	.....	258	583 13	239	626 94

#### TURNPIKES AND PLANKROADS.

The following is the return of the number and length of turnpikes and plankroads in Ohio for the years of 1871 and 1872 :

	1871.	1872.
Number of turnpikes .....	566	613
Length in miles.....	4,325	4,894
Number of plankroads .....	9	25
Length in miles.....	86	203
Total number of roads .....	575	638
Total length in miles.....	4,411	5,097

There are 47 more turnpikes reported than last year, and the length has been increased 569 miles, which includes the free turnpikes built within the year. There has been an increase of 16 in the number of plankroads reported, and the length has been increased 117 miles.

#### COUNTY BUILDINGS.

The number and value of county buildings are returned as follows :

Number of county buildings.....	320
Value of the same.....	\$7,412,430 00
Average value of county buildings.....	23,164 84
Number of buildings destroyed by fire, flood or otherwise.....	672
Value of the same.....	\$587,323 00



BANKS AND THEIR CAPITAL.

The return of banks and their capital in Ohio, for the year 1872, is as follows :

	Number.	Capital.
National Banks.....	146	\$25,521,760 00
Private and other banks.....	183	7,276,096 00
Aggregate.....	329	\$32,797,796 00

This shows an increase of fifteen in the number of National Banks reported, and their capital has been increased \$2,755,790.

The number of private banks shows an increase of thirty-five during the year, and the capital of these banks has been increased \$2,162,628.

BONDS, ETC., EXEMPT FROM TAXATION.

The amount of legal tender notes, or other moneys exempt from taxation, as returned for this year, is \$9,378,747, being a decrease on last year of \$1,328,333.50.

*Coroner's report of Deaths, and number of Inquests held within the year ending July 1, 1872.*

COUNTIES.	Homicide.	Suicide.	Killed by accident.	Died of violent and unnatural disease.	Total.	Number of above deaths superinduced by intemperance.	Number of inquests held.
Adams .....	1	1	1	2	3	3	3
Allen .....	1	1	1	3	3	3	3
Ashland .....	1	1	3	1	6	3	3
Ashtabula .....	1	1	12	14	2	2	2
Athens .....	1	10	11	2	5	5	5
Auglaize .....	1	1	1	1	1	1	1
Belmont .....	1	3	4	4	4	4	4
Brown .....	2	2	2	2	1	1	1
Butler .....	1	7	6	1	15	3	15
Carroll .....	2	2	2	2	5	5	5
Champaign .....	3	3	2	5	5	5	5
Clarke .....	4	4	2	10	4	10	10
Clermont .....	3	3	1	4	4	4	4
Clinton .....	4	4	4	4	2	4	4
Columbiana .....	1	1	6	2	10	2	10
Coshocton .....	1	1	1	1	1	1	1
Crawford .....	1	1	5	7	2	7	7
Cuyahoga .....	6	7	25	12	50	8	34
Darke .....	3	1	1	5	3	3	3
Defiance .....	1	2	3	3	3	3	3
Delaware .....	1	1	1	2	2	2	2
Erie .....	3	3	8	5	19	2	11
Fairfield .....	1	2	3	3	3	3	3
Fayette .....	1	1	1	1	1	1	1
Franklin .....	4	4	6	3	17	6	23
Fulton .....	1	3	4	3	4	3	4
Gallia .....	2	1	3	3	3	3	3
Geauga .....	1	1	1	2	2	1	1
Greene .....	2	2	1	3	1	3	3
Guernsey .....	1	1	1	1	1	1	1
Hamilton .....	13	23	66	123	225	12	214
Hancock .....	5	5	5	5	5	5	5
Hancock .....	3	3	1	4	2	2	2
Hardin .....	1	1	1	2	1	1	1
Henry .....	1	1	1	1	1	1	1
Highland .....	1	1	1	1	1	1	1
Hocking .....	1	1	1	2	1	1	1
Holmes .....	1	1	1	1	1	1	1
Huron .....	1	1	4	5	1	1	1
Jackson .....	1	1	1	2	2	2	2
Jefferson .....	1	1	12	2	16	4	12
Knox .....	1	1	1	1	1	1	1
Lake .....	1	1	2	3	1	1	1
Lawrence .....	4	1	4	1	10	6	10
Licking .....	3	7	5	15	15	15	15
Logan .....	4	4	4	4	4	4	4
Lorain .....	2	2	32	16	52	9	14
Lucas .....	2	2	32	16	52	9	14

*Coroner's report of Deaths and number of Inquests held within the year ending July 1, 1872—Continued.*

COUNTIES.	Homicide.	Suicide.	Killed by accident.	Died of violent and unnatural disease.	Total.	Number of above deaths superinduced by intemperance.	Number of inquests held.
Madison .....			1		1		1
Mahoning .....		1	4	3	8	1	5
Marion .....	2		1		3		2
Medina .....				1	1		1
Meigs .....			5		5	1	5
Mercer .....	2				2		2
Miami .....	1		7	2	10	2	10
Monroe .....		2			2		1
Montgomery .....	8	6	17	17	48	17	48
*Morgan .....							
Morrow .....		1	2		3		3
Muskingum .....	1	4	6		11	1	11
Noble .....			1		1		1
Ottawa .....			1		1		1
Paulding .....	2	1	1		4	1	2
Perry .....		1	4	3	8		8
Pickaway .....	1	1			2		1
Pike .....			3		3		3
Portage .....		2	10		12	1	4
†Preble .....		1		1	2		2
Putnam .....			1		1		
Richland .....		2	8	2	12		12
Ross .....	1		6	7	14		
Sandusky .....	1	7			8	2	2
Scioto .....	9	2	4	3	18	6	18
Seneca .....		3			3		3
Shelby .....	1	1	2		4	1	4
Stark .....	2	3	1		6		
Summit .....	1	1	1	3	6		5
Trumbull .....				1	1	1	1
Tuscarawas .....	2	2	1	1	6	2	6
Union .....			1		1		1
Van Wert .....			4		4		
Vinton .....			1		1		
Warren .....	4	1	1		6	1	6
Washington .....		1	15	17	33		6
Wayne .....			3	4	7	1	1
*Williams .....							
Wood .....			1	1	2		2
Wyandot .....		1	3	1	5	2	4
Total .....	94	117	361	256	828	115	628

\* Nothing to report.

† See report of Clerk of Court.

*Prosecutions for Statutory*

Nature of Crime.							Not prosecuted further than indictment.			
	Number of indictments pending July 1st, 1871.	Number of indictments found within the year.	Total.	Number of indictments disposed of.	Number of indictments still pending.	Number of persons included in the indictments.	Death previous to termination of prosecution.	Number of persons against whom indictments have been quashed, laid away, &c.	Number of persons in whose cases nolle prosequi was entered.	Total.
Bigamy .....	3	10	13	6	7	13	.....	1	3	4
Incest .....	5	8	13	6	7	15	.....	.....	2	2
Perjury and subornation of perjury ..	21	20	41	25	16	42	.....	2	13	15
Riot .....	14	25	39	18	21	181	.....	24	29	57
Adultery .....	10	8	18	10	8	18	.....	1	6	7
Fornication .....	2	8	10	6	4	19	.....	.....	11	11
Libel .....	7	4	11	7	4	12	.....	.....	7	7
Bribery and attempt to bribe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Betting on elections .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Offenses against the liquor law .....	703	2249	2952	2137	815	2686	10	125	722	855
Offenses against the gambling law ..	60	115	175	125	50	184	.....	6	54	60
Seduction .....	2	4	6	2	4	6	.....	.....	1	1
Carrying or wearing concealed weapons .....	4	12	16	10	6	16	.....	.....	4	4
Keeping houses of ill-fame .....	77	73	150	119	31	149	.....	20	46	66
Illegal voting, or obtaining or permitting the same .....	2	12	15	13	2	16	.....	5	5	10
All other statutory offenses .....	49	137	186	97	89	225	1	16	48	59
Totals .....	959	2686	3645	2581	1064	3582	11	196	951	1158

*Crimes, and Results.*

[illegible]

\* As returned by county clerks under the act of February 21st, 1867.

## Statutory Crimes

COUNTIES.	Number of indictments pending July 1, 1871.	Number of indictments found within the year.	Total.	Number of indictments disposed of.	Number of indictments still pending.	Number of persons included in the indictments.	Not prosecuted further than indictment.			
							Death previous to termination of prosecution.	Number of persons against whom indictments have been quashed, laid away, &c.	Number of persons in whose case nolle pros. was entered.	Total.
Adams.....	.....	13	13	11	2	14	.....	.....	7	7
Allen.....	2	21	32	29	3	37	.....	.....	17	17
Ashland.....	5	9	14	4	5	15	.....	.....	9	9
Ashtabula.....	3	37	40	32	8	40	.....	.....	4	4
Athens.....	13	14	27	22	5	52	.....	20	17	37
Auglaize.....	.....	3	3	3	.....	7	.....	.....	7	7
Belmont.....	.....	35	35	33	2	25	.....	.....	11	11
Brown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butler.....	1	54	55	54	1	55	.....	.....	17	17
Carroll.....	1	27	28	24	4	29	.....	.....	.....	.....
Champaign.....	38	76	114	105	9	121	1	1	20	22
Clarke.....	14	52	66	62	4	59	.....	10	12	22
Clermont.....	12	23	35	27	12	35	.....	.....	9	9
Clinton.....	19	45	64	61	3	54	.....	.....	15	15
Columbiana.....	3	33	36	32	4	47	.....	.....	13	13
Coshocton.....	1	42	43	41	2	43	.....	.....	.....	.....
Crawford.....	2	1	3	3	2	5	.....	.....	.....	.....
Cuyahoga.....	5	11	16	15	1	18	.....	.....	13	13
Darke.....	1	2	3	2	1	3	.....	.....	.....	.....
Defiance.....	2	1	3	1	7	20	.....	.....	.....	.....
Delaware.....	21	23	44	38	6	48	.....	1	17	18
Erie.....	2	13	15	12	3	14	.....	2	4	6
Fairfield.....	.....	22	22	17	4	21	.....	.....	4	4
Fayette.....	50	23	73	73	0	75	.....	.....	41	41
Franklin.....	8	10	18	15	3	19	.....	.....	6	6
Fulton.....	2	26	28	14	8	24	.....	.....	4	4
Gallia.....	45	43	88	37	50	102	.....	.....	35	35
Geauga.....	4	18	22	14	8	15	.....	.....	3	3
Greene.....	17	120	137	105	29	60	.....	.....	11	14
Guernsey.....	30	47	77	65	12	65	.....	12	31	43
Hamilton.....	104	59	163	133	30	163	.....	25	52	80
Hancock.....	11	8	19	18	1	21	.....	.....	12	12
Hardin.....	1	8	9	6	3	11	.....	.....	2	2
Harrison.....	2	32	34	32	2	7	.....	.....	1	1
Henry.....	4	2	6	3	3	6	.....	.....	.....	.....
Highland.....	12	6	18	17	1	18	2	2	12	16
Hocking.....	1	2	3	3	.....	3	.....	.....	1	1
Holmes.....	.....	11	11	11	.....	11	.....	.....	1	1
Huron.....	69	45	114	81	33	85	.....	.....	54	59
Jackson.....	14	58	72	64	8	78	.....	.....	19	19
Jefferson.....	11	110	121	113	8	117	.....	.....	36	36
Knox.....	5	21	26	22	4	34	.....	.....	16	10
Lake.....	9	1	10	2	8	14	.....	.....	2	2
Lawrence.....	16	17	31	21	10	31	2	1	6	9
Licking.....	1	8	9	7	2	7	.....	.....	4	4
Logan.....	27	52	79	54	25	81	.....	6	20	26
Lorain.....	9	30	39	36	3	41	.....	3	19	22
Lucas.....	21	26	47	39	8	50	.....	.....	26	26
Madison.....	2	37	39	27	11	39	2	3	6	11



# SECRETARY OF STATE.

and Results.

RESULT FINAL.								NOT FINAL.								
Imprisoned in penitentiary.	Imprisoned in county jail only.	Fined only.	Fined and imprisoned in county jail.	Fined and imprisoned in work house.	Imprisoned in work house.	Sentenced to Reform Farm.	Acquitted.	Total.	Escape.	Failure to arrest.	Number of persons in whose case trial was commenced and case continued.	Number of persons in whose case trial was not commenced.	Total.	Number of cases wherein defendant's counsel was paid by county.	Amount allowed to defendant's counsel when paid by county.	Number of crimes probably committed under the influence of intoxicating liquors.
.....	.....	3	.....	.....	.....	.....	1	4	.....	.....	.....	3	3	.....	.....	.....
.....	.....	15	.....	.....	.....	.....	.....	17	.....	.....	1	.....	3	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	5	5	.....	.....	.....
.....	1	27	.....	.....	.....	.....	.....	27	.....	.....	.....	5	5	.....	.....	.....
.....	.....	8	.....	.....	.....	.....	.....	8	.....	1	.....	1	2	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	22	.....	.....	.....	.....	.....	22	.....	.....	.....	.....	2	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	35	.....	.....	.....	.....	1	37	.....	.....	1	.....	1	.....	.....	.....
.....	.....	19	.....	.....	.....	.....	1	20	1	.....	.....	6	9	.....	.....	.....
.....	.....	84	3	.....	.....	.....	.....	89	.....	.....	.....	.....	10	.....	.....	.....
.....	.....	37	.....	.....	.....	.....	.....	37	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	14	.....	.....	.....	.....	.....	14	.....	.....	.....	12	12	.....	.....	.....
.....	.....	12	.....	.....	.....	.....	6	18	.....	.....	.....	1	1	.....	.....	.....
.....	.....	29	1	.....	.....	.....	.....	30	.....	3	1	.....	4	.....	.....	.....
.....	.....	41	.....	.....	.....	.....	.....	41	1	.....	.....	1	2	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	2	2	.....	.....	.....
.....	1	3	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	1	1	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	17	19	.....	.....	.....
.....	.....	23	.....	.....	.....	.....	.....	23	.....	.....	.....	7	7	.....	.....	.....
.....	1	6	.....	.....	.....	.....	.....	7	.....	.....	.....	1	1	.....	.....	.....
.....	.....	13	.....	.....	.....	.....	.....	15	.....	.....	.....	5	5	.....	.....	.....
.....	.....	26	.....	.....	.....	.....	2	32	.....	.....	.....	.....	2	.....	.....	.....
.....	1	6	.....	.....	.....	.....	.....	9	.....	.....	.....	4	4	.....	.....	.....
.....	.....	12	.....	.....	.....	.....	.....	12	5	1	1	1	8	.....	.....	.....
.....	.....	6	.....	.....	.....	.....	.....	11	.....	.....	.....	56	56	.....	.....	.....
.....	.....	5	.....	.....	.....	.....	.....	6	.....	.....	.....	6	6	.....	.....	.....
.....	.....	38	1	.....	.....	.....	1	46	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	16	4	.....	.....	.....	.....	22	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	52	1	.....	.....	.....	2	53	.....	.....	.....	30	30	.....	.....	.....
.....	.....	8	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	1	.....	.....	1
.....	.....	4	.....	.....	.....	.....	.....	4	.....	1	.....	.....	5	.....	.....	.....
.....	.....	3	.....	.....	.....	.....	.....	4	.....	.....	4	.....	2	1	25	.....
.....	.....	3	.....	.....	.....	.....	1	3	.....	.....	.....	.....	3	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	4	.....	.....	.....	.....	.....	16	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	18	1	.....	.....	.....	6	20	.....	4	.....	.....	2	6	.....	.....
.....	.....	44	.....	.....	.....	.....	.....	47	.....	5	.....	.....	7	12	.....	.....
.....	.....	77	.....	.....	.....	.....	.....	80	.....	.....	.....	1	1	.....	.....	.....
.....	3	17	.....	.....	.....	.....	.....	20	.....	.....	.....	3	4	1	10	.....
.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	11	.....	.....	.....
.....	.....	9	1	.....	.....	.....	.....	15	.....	5	.....	.....	7	2	75	.....
.....	.....	.....	.....	.....	.....	.....	5	1	.....	6	1	.....	.....	1	25	.....
.....	.....	31	.....	.....	.....	.....	1	33	.....	.....	.....	1	2	.....	.....	3
.....	.....	13	1	.....	.....	.....	.....	16	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	13	1	.....	.....	.....	.....	16	.....	.....	.....	.....	3	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	16	.....	.....	.....	.....	8	.....	.....	.....
.....	.....	20	.....	.....	.....	.....	1	26	.....	.....	.....	4	8	.....	.....	.....

COUNTIES.	Number of indictments pending July 1, 1871.	Number of indictments found within the year.	Total.	Number of indictments disposed of.	Number of indictments still pending.	Number of persons included in the indictments.	Not prosecuted further than indictment.			
							Death previous to termination of prosecution.	Number of persons against whom indictments have been quashed, laid away, &c.	Number of persons in whose case nolle pros. was entered.	Total.
Mahoning .....	17	80	97	81	16	106	.....	1	57	58
Marion .....	.....	5	5	5	.....	5	.....	.....	4	4
Medina .....	1	16	17	13	4	19	.....	.....	9	9
Meigs .....	4	10	14	4	10	14	.....	.....	.....	.....
Mercer .....	1	11	12	4	8	22	.....	1	4	5
Miami .....	12	78	95	66	29	101	.....	.....	23	23
Monroe .....	3	1	4	3	1	9	.....	.....	1	3
Montgomery .....	21	15	36	2	34	42	.....	.....	2	2
Morgan .....	7	17	23	19	4	25	.....	4	5	9
Morrow .....	2	6	8	7	1	8	.....	.....	1	1
Muskingum .....	15	10	25	24	1	25	.....	9	3	12
Noble .....	32	56	88	30	58	101	.....	24	12	36
Ottawa .....	1	24	25	23	2	23	.....	1	.....	1
Panliding .....	5	11	16	5	11	21	.....	.....	3	3
Perry .....	2	54	56	15	41	7	.....	.....	.....	.....
Pickaway .....	2	9	11	11	.....	25	.....	4	2	6
Pike .....	.....	3	3	2	1	5	.....	.....	.....	.....
Portage .....	2	29	31	25	6	37	.....	.....	15	15
Preble .....	1	41	42	9	33	44	1	.....	2	3
Putnam .....	8	0	14	12	2	23	.....	5	.....	5
Richland .....	.....	3	3	3	.....	3	.....	.....	1	1
Ross .....	.....	4	4	3	1	8	.....	.....	.....	.....
Sandusky .....	.....	18	18	14	4	9	.....	.....	2	2
Scioto .....	9	40	49	45	4	51	.....	.....	9	9
Seneca .....	.....	11	11	11	.....	13	.....	.....	4	4
Shelby .....	7	3	10	8	2	10	.....	.....	3	3
Stark .....	8	30	38	17	21	38	.....	.....	8	8
Summit .....	14	36	50	37	13	38	.....	.....	24	24
Trumbull .....	21	144	165	131	34	171	.....	27	45	72
Tuscarawas .....	16	130	146	110	36	162	.....	.....	31	31
Union .....	33	36	69	31	38	22	.....	8	.....	8
Van Wert .....	.....	10	10	7	3	10	.....	5	2	7
Vinton .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren .....	9	41	50	28	22	50	.....	1	10	11
Washington .....	46	16	62	30	32	69	2	.....	23	25
Wayne .....	4	224	228	15	213	235	.....	.....	4	4
Williams .....	7	3	11	11	.....	11	.....	2	6	8
Wood .....	11	75	86	72	14	87	1	5	26	32
Wyandot .....	.....	1	1	1	.....	1	.....	.....	.....	.....
Total .....	959	2,686	3,645	2,551	1,064	3,582	11	196	951	1,158



*Prosecutions for Crimes*

NATURE OF CRIME.	Number of indictments pending July 1, 1871.	Number of indictments found within the year.	Total.	Number of indictments disposed of.	Number of indictments still pending.	Number of persons included in the indictments.	Not prosecuted further than indictment.			
							Death previous to termination of prosecution.	Number of persons against whom indictment - have been quashed, laid way, &c.	Number of persons in whose case Nolle Prosequi was entered.	Total.
Arson or attempt to commit arson .....	16	13	29	18	11	30	3	3	10	13
Burglary .....	60	108	168	116	52	201	31	52	83	
Grand larceny.....	105	209	314	174	140	364	30	60	90	
Burglary and larceny.....	21	97	118	85	33	144	7	25	32	
Petit larceny.....	45	173	218	153	65	249	1	12	35	43
Receiving, buying, or concealing stolen property .....	4	20	24	12	12	25	3	6	9	
Forging, or uttering forged instruments ..	50	61	111	62	49	106	21	16	37	
Horse stealing, or concealing stolen horse or horse thief.....	38	47	85	47	38	91	8	10	18	
Counterfeiting or passing counterfeit money	3	4	7	1	6	7	1	1	1	
Selling or conveying land without title...	2	1	3	2	1	3	1	1	1	
Injuring railroad or obstructing track .....	1	1	1	1	1	1				
Issuing false or fictitious bills of lading or warehouse receipts .....										
Burning property.....	2	1	3	2	1	5		2	2	
Embezzlement .....	26	17	53	32	21	54	12	16	28	
Obtaining money under false pretenses....	18	15	33	23	10	34	10	11	21	
Malicious destruction of property .....	8	21	29	18	11	40		8	8	
Altering ear mark or brand .....										
Forging brand, stamp or label.....										
All other crimes against property.....	8	32	40	26	14	48	2	9	11	
Totals.....	416	820	1236	772	464	1411	1	141	260	402

against Property and results.

RESULT FINAL.										NOT FINAL.							
Imprisoned in penitentiary.	Imprisoned in county jail only.	Fined only.	Fined and imprisoned in county jail.	Restitution and fine.	Restitution and imprisoned in county jail.	Restitution only.	Sentenced to Reform Farm.	Acquitted.	Total.	Escape.	Failure to arrest.	Number of persons in whose case trial was commenced and case continued.	Number of persons in whose case trial was not commenced.	Total.	Number of cases wherein defendant's counsel was paid by county.	Allowance to defendant's counsel when paid by county.	Number of crimes probably committed under the influence of intoxicating liquors.
4	1							6	11	1		2	12	15	6	105	3
39		2	5	2	1		3	16	62	9	12	5	24	50	31	1200	15
67	14	2	12		6	1	3	18	123	6	21	7	117	151	65	1940	36
52	4	1	5	1	2			4	72	7	3	5	25	40	38	910	16
...	29	22	47	5	21		7	14	145	2	11	1	42	56	24	420	12
1			2		1				4		5		7	12	2	75	
19							1	12	32	2	12	1	22	37	19	560	1
28							1	7	36	5	14	4	14	37	16	495	5
1								1	1	2			3	5			1
								1	1				1	1			
								1	1					2			
3			1					1	5		1	1	19	21	4	80	
1	1	2	3						7		3		3	6			1
		4	8	1	3			2	18		9		5	14			2
	3	7	2		1			4	17	1	2		17	20	1	25	1
215	52	40	88	9	35	1	15	87	542	35	95	26	311	467	206	6110	*93

\*As returned to this office by county clerks.

*Crimes against*

COUNTIES.	No. of indictments pending July 1, 1871.	No. of indictments found within the year.	Total.	No. of indictments disposed of.	No. of indictments still pending.	No. of persons included in the indictments.	Not prosecuted further than indictment.			
							Death previous to termination of prosecution.	No. of persons against whom indictment have been quashed, laid way, &c.	No. of persons in whose case nolle prosequit was entered.	Total.
Adams .....		3	3	3		5			1	1
Allen .....	2	5	7	4	3	5		1		1
Ashland .....	2	1	3	3		3			1	1
Ashtabula .....	2	4	6	1	5	5				
Athens .....	5	2	7	6	1	7			3	3
Anglaize .....	3	5	8	7	1	12			6	6
Belmont .....	2	1	3	3		3			2	2
Brown .....										
Butler .....	7	25	32	31	1	32		2	15	17
Carroll .....	1		1	1		1			1	1
Champaign .....	3	9	12	10	2	18		3	3	6
Clarke .....		25	25	16	9	44		5	26	31
Clermont .....	7	9	16	4	12	18				
Clinton .....	3	6	9	3	6	8		1		1
Columbiana .....		8	8	7	1	8			3	3
Coshocton .....	5	3	8	1	7	8		1		1
Crawford .....	29	11	40	13	27	40		31	2	33
Cuyahoga .....	10	50	60	56	4	71			16	16
Darke .....		9	9	1	8	9				
Defiance .....	7	6	13	7	6	13			2	2
Delaware .....	3	9	12	7	5	14		3	1	4
Erie .....	1	8	9	7	2	11		4		4
Fairfield .....	10	14	24	17	7	26			9	9
Fayette .....	5	12	17	8	9	21			7	7
Franklin .....	9	34	43	37	6	51		8	5	13
Fulton .....	1		1	1		3		2	1	3
Gallia .....	5	6	11	6	5	19			7	7
Geauga .....		2	2	2		4			3	3
Greene .....	8	10	18	13	5	23		2	2	4
Guernsey .....	3	3	6	6		6			2	2
Hamilton .....	39	85	124	87	37	124		31	16	47
Hancock .....	10	3	13	4	9	14			3	3
Hardin .....	2	9	11	9	2	16			8	8
Harrison .....	5	8	13	10	3	14		1	5	6
Henry .....	1	2	3	3		3				
Highland .....	9	7	16	7	9	14			4	4
Hocking .....		1	1		1	1				
Holmes .....	4		10	6	4	10				
Huron .....	5	7	12	7	5	11		2		2
Jackson .....	3	4	7	2	5	10				
Jefferson .....	6	14	20	13	7	20			4	4
Knox .....	5	8	13	12	1	14		3	5	8
Lake .....	2	4	6	4	2	6				
Lawrence .....	25	12	37	13	24	38			5	5
Licking .....	4	11	15	11	4	16				
Logan .....	7	9	16	13	3	13		2	1	3



*Property.*

RESULT FINAL.										NOT FINAL.									
Imprisoned in Penitentiary.	Imprisoned in County Jail only.	Fined only.	Fined and imprisoned in County Jail.	Restitution and fine.	Restitution and imprisoned in County Jail.	Restitution only.	Sentenced to Reform Farm.	Acquitted.	Total.	Escape.	Failure to arrest.	No. of persons in whose case trial was commenced and case continued.	No. of persons in whose case trial was not commenced.	Total.	No. of cases wherein defendant's counsel was paid by county.	Allowance to defendant's counsel when paid by county.	No. of crimes probably committed under the influence of intoxicating liquors.		
2	1	1	1					3	4		3			3	1	\$60			
1									4					2	1	60			
1								2	1	2	3			5	1	25			
3	1				1			1	3	1			2	1					
								1	5				1	1	3	300	4		
								1	1										
2	2	3	6					1	14			1		1	9	155			
1			4					2	7		4		1	5	2	100			
3	1			2	4				10			2	1	3	5	125			
3			1						4		10		4	14	3	100			
1	1								2		1		4	5	1	40			
2					2				4			1	1	1	2	150			
										1	5			7					
2	3	2						3	5				2	2	3	75			
7	9	2						3	49		4		2	6	25	250			
	1								1				2	2					
2			1					2	5				6	6					
2			1	1					4				6	6					
5		1							6				1	1	1	15			
3		2		1	2			1	9		1		7	8	4	90			
2									2	2	4	1	5	12	3	85			
13	4		7		2		1	3	30		2		6	8			1		
								1	3	1		1	7	9	1	100			
3			8					1	6				2	2					
1					1		1	1	17						3	100			
22	9	2	3					1	40				37	37	32	530	16		
								1	2	1	7		1	9					
4		1							5		3			3	3	130			
1		3					1		5	1			2	3	2	75			
													3	3					
										4			6	10					
2	1	2							5				5	5	2	35	1		
1			3					1	6		3			3	1	25			
								2	3	3		1	3	7					
			4		1			4	9				7	7	3	175	6		
1			1	2				1	5				1	1	1	25			
2		1							4				2	2					
3			4	1				2	13		4		16	20	2	75			
5		1	2				2	1	11			5		5	3	175			
4	1	1						2	7		3			3	2	75			

COUNTIES.	No. of indictments pending July 1, 1871.	No. of indictments found within the year.	Total.	No. of indictments disposed of.	No. of indictments still pending.	No. of persons includ'd in the indictments.	Not prosecuted further than indictment.			
							Death previous to termination of prosecution.	No. of persons against whom indictment have been quashed, laid way, &c.	No. of persons in whose case nolle prosequi was entered.	Total.
Lorain.....	9	12	21	13	8	25	.....	.....	6	6
Lucas.....	6	42	48	36	12	57	.....	.....	4	12
Madison.....	3	6	9	7	1	11	.....	.....	2	2
Mahoning.....	3	14	17	12	5	17	.....	.....	5	5
Marion.....	1	1	2	2	.....	2	.....	.....	1	1
Medina.....	.....	5	5	4	1	2	.....	.....	.....	.....
Meigs.....	6	2	8	6	2	8	.....	.....	2	2
Mercer.....	.....	3	3	1	2	4	.....	.....	1	1
Miami.....	4	8	12	11	1	22	.....	1	6	9
Monroe.....	2	.....	3	2	.....	1	.....	1	1	2
Montgomery.....	27	33	60	16	43	92	.....	1	2	3
Morgan.....	1	2	3	3	.....	4	.....	.....	.....	.....
Morrow.....	1	6	7	6	1	8	.....	.....	1	1
Muskingum.....	1	11	12	5	7	14	.....	.....	3	3
Noble.....	1	.....	1	.....	1	1	.....	1	.....	1
Ottawa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paulding.....	6	3	9	3	6	9	.....	.....	4	4
Perry.....	5	3	8	3	5	7	.....	.....	.....	.....
Pickaway.....	6	4	10	2	8	12	.....	10	.....	10
Pike.....	2	5	7	4	3	6	.....	.....	.....	.....
Portage.....	1	11	12	6	6	12	.....	.....	2	2
Preble.....	2	12	14	3	11	14	.....	1	.....	1
Putnam.....	.....	3	3	1	2	4	.....	.....	.....	.....
Richland.....	2	20	22	15	7	23	.....	.....	10	10
Ross.....	1	14	15	13	2	22	.....	.....	.....	.....
Sandusky.....	.....	9	9	6	3	9	.....	.....	3	3
Scioto.....	10	11	21	18	3	32	.....	2	14	16
Seneca.....	.....	4	4	4	.....	4	.....	.....	.....	.....
Shelby.....	2	8	10	4	6	12	.....	.....	.....	.....
Stark.....	8	23	31	9	22	23	.....	.....	1	1
Summit.....	2	12	14	13	1	14	.....	.....	7	7
Trumbull.....	4	11	15	10	5	15	.....	.....	5	5
Tuscarawas.....	5	12	17	12	5	18	1	7	2	10
Union.....	4	1	5	3	2	6	.....	3	.....	3
Van Wert.....	5	3	8	6	2	8	.....	3	.....	3
Vinton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren.....	4	10	14	5	9	17	.....	.....	.....	.....
Washington.....	13	7	20	8	12	21	.....	.....	1	1
Wayne.....	5	9	14	10	4	15	.....	1	3	4
Williams.....	1	1	2	1	1	3	.....	.....	1	1
Wood.....	2	7	9	6	3	10	.....	.....	2	2
Wyandot.....	.....	2	2	2	.....	2	.....	.....	.....	.....
Totals.....	416	820	1336	772	464	1411	1	141	260	402

Property—Continued.

RESULT FINAL.										NOT FINAL.				No. of cases wherein defendant's counsel was paid by county.	Allowance to defendant's counsel when paid by county.	No. of crimes probably committed under the influence of intoxicating liquors.
Imprisoned in Penitentiary.	Imprisoned in County Jail only.	Fined only.	Fined and imprisoned in County Jail.	Restitution and fine.	Restitution and imprisoned in County Jail.	Restitution only.	Sentenced to Reform Farm.	Acquitted.	Total.	Escape.	Failure to arrest.	No. of persons in whose case trial was commenced and case continued.	No. of persons in whose case trial was not commenced.	Total.		
3	1	2						2	2	5	6			11	3	\$30
19	5						1	6	31				14	14	17	255
7		1						1	9					6	6	325
2		2	2						7	1	2		2	5	2	100
1									1							
1	1		4					1	7						1	10
2							1	1	4		2			2	1	15
1									1				2	2	2	100
6		3						1	12				1	1	2	225
		1							3	13	6	1		1		
7		1			1	1		3	13	6	3		67	76		
		1						2	3		1			1		
4	1							1	6		1			1	6	325
		1	1	1				1	4	2	2		3	7		
		1						1	2				3	3		
1	1	1							3	1	1		2	4		
1								1	2							
1								2	3		2		1	3	2	70
2	1							1	4				6	6	3	105
1					1				2		1	2	5	11		11
1	1		1						3				1	1		
5	2							4	11		1	1		2	6	290
6			1	1	10			1	19		2		1	3	9	250
2			1						3				3	3		6
6	1	1	1						9		3		4	7	5	185
1			3						4						2	75
2	1	1						1	5	3		1	3	7	3	80
1					5			1	7		2	2	11	15	3	75
2			5						7						5	45
							4	1	5			5		5	1	50
	1	4	1		2				7						4	100
	2		1						3	1		1		2		
	1	1	2					1	5		6	1	5	12		3
3			1		1			1	6				14	14		3
1								4	5				6	6	4	250
							1		1				1	1		
		2						3	5		2		1	3		
1		1							2							
215	52	40	85	9	35	1	15	87	542	35	95	26	311	467	206	\$6110

\* As returned to this office by County Clerks.

*Prosecutions for Crimes against*

NATURE OF CRIME.							RESULT—			
	Number of indictments pending July 1st, 1871.	Number of indictments found within the year.	Total.	Number of indictments finally disposed of.	Number of indictments still pending.	Number of persons included in the indictments.	Not prosecuted further than indictment.			
							Death previous to termination of prosecution.	Number of persons against whom indictments have been quashed, laid away, &c.	Number of persons in whose cases nolle prosequi was entered.	Total.
Murder in the first degree .....	10	20	30	21	17	40	1	4	2	7
Murder in the second degree .....	10	18	28	14	20	30	..	..	3	3
Manslaughter .....	10	18	28	18	10	32	1	1	4	6
Dueling .....	..	..	..	..	..	..	..	..	..	..
Administering poison with intent to kill..	1	..	1	1	..	1	..	..	1	1
Procuring abortion, or attempting the same	9	10	19	9	10	19	..	1	5	6
Rape .....	11	28	39	21	18	40	..	1	9	10
Kidnapping .....	..	1	1	..	1	4	..	..	..	..
Seduction .....	6	5	11	5	6	11	..	..	5	5
Mayhem .....	1	9	10	9	1	11	..	..	2	2
Robbery, (S. & C., p. 406, sec. 15.) .....	16	42	58	33	25	87	1	6	7	14
Assault with intent to kill .....	36	65	95	66	29	102	..	8	22	30
Assault with intent to commit rape .....	13	28	41	23	18	43	..	5	7	12
Assault with intent to commit mayhem ..	..	5	5	3	2	7	..	..	..	..
Shooting, stabbing, cutting, &c., with intent	68	107	176	110	66	184	..	18	46	64
Assault and battery .....	109	434	603	439	164	694	..	32	129	161
Sending threatening letters .....	1	..	1	1	..	1	..	1	..	1
Child stealing .....	..	..	..	..	..	..	..	..	..	..
Offenses under sec. 3, S. & C., p. 372, b....	..	7	7	3	4	71	..	..	..	..
Totals .....	368	797	1165	770	389	1325	3	77	242	322



*Crimes against*

COUNTIES.	No. of indictments pending July 1, 1871.	No. of indictments found within the year.	Total.	No. of indictments finally disposed of.	No. of indictments still pending.	No. of persons included in the indictments.	Not prosecuted further than indictment.			
							Death previous to termination of prosecution.	No of persons against whom indictments have been quashed, laid away, etc.	No. of persons in whose case nolle prosequi was entered.	Total.
Adams .....	2	3	5	3	2	7	.....	.....	2	2
Allen .....	1	10	11	10	1	11	.....	3	1	4
Ashland .....	2	5	7	6	1	7	.....	1	2	3
Ashtabula .....	.....	2	2	.....	2	3	.....	.....	.....	.....
Athens .....	4	11	15	12	3	16	.....	.....	3	3
Auglaize .....	1	6	7	7	.....	7	.....	.....	1	1
Belmont .....	2	13	15	12	3	12	.....	1	3	4
Brown .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butler .....	2	26	28	24	4	34	.....	3	5	8
Carroll .....	2	5	7	7	.....	9	.....	1	3	4
Champaign .....	4	5	9	9	.....	12	.....	.....	1	1
Clarke .....	.....	17	17	11	6	24	.....	3	5	8
Clermont .....	13	17	30	21	9	33	.....	.....	10	10
Clinton .....	9	15	24	16	8	25	.....	2	3	5
Columbiana .....	1	16	17	10	7	18	.....	.....	4	4
Coshocton .....	2	5	7	7	.....	7	.....	.....	.....	.....
Crawford .....	6	8	16	12	4	16	.....	6	5	11
Cuyahoga .....	2	14	16	12	4	22	.....	.....	7	7
Darke .....	1	6	7	5	2	7	.....	.....	.....	.....
Defiance .....	6	1	9	5	4	10	.....	1	1	2
Delaware .....	5	8	13	12	1	13	.....	4	3	7
Erie .....	1	6	7	3	4	6	.....	.....	.....	.....
Fairfield .....	13	7	20	14	6	23	.....	.....	3	3
Fayette .....	5	12	17	8	9	17	.....	.....	1	1
Franklin .....	4	11	15	10	5	20	.....	4	4	8
Fulton .....	4	8	12	11	1	12	.....	.....	5	5
Gallia .....	20	28	48	21	27	61	.....	.....	15	15
Geauga .....	2	6	8	8	.....	6	.....	.....	2	2
Greene .....	2	15	17	15	2	19	.....	.....	.....	.....
Guernsey .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton .....	38	62	100	81	19	100	.....	27	14	41
Hancock .....	6	6	14	10	4	17	.....	.....	.....	.....
Hardin .....	2	4	6	2	4	6	.....	.....	1	1
Harrison .....	.....	5	5	4	1	9	.....	.....	1	1
Henry .....	2	.....	2	.....	2	2	.....	.....	.....	.....
Highland .....	4	5	9	1	8	9	.....	.....	1	1
Hocking .....	.....	6	6	5	1	6	.....	.....	.....	.....
Holmes .....	2	11	13	11	2	13	.....	.....	1	1
Huron .....	4	8	12	6	6	14	.....	2	.....	2
Jackson .....	7	12	19	14	5	23	.....	.....	7	7
Jefferson .....	6	9	15	6	9	15	.....	.....	1	1
Knox .....	2	13	15	11	4	20	.....	.....	4	4
Lake .....	1	1	2	1	1	2	.....	.....	.....	.....
Lawrence .....	24	14	38	18	20	38	.....	.....	1	1
Licking .....	3	24	27	14	13	39	.....	4	1	5
Logan .....	1	7	8	5	3	8	.....	.....	2	2



*the Person.*

RESULT FINAL.								NOT FINAL.							
Executed.	Imprisoned in penitentiary.	Imprisoned in county jail only.	Fined only.	Fined and imprisoned in county jail.	Sentenced to Reform Farm.	Acquitted.	Total.	Escape.	Failure to arrest.	Number of persons in whose case trial was commenced and case continued.	Number of persons in whose case trial was not commenced.	Total.	Number of cases wherein defendant's counsel was paid by county.	Amount allowed to defendant's counsel when paid by county.	Number of crimes probably committed under the influence of intoxicating liquor.
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*Crimes against*

COUNTIES.	No. of indictments pending July 1, 1871.	No. of indictments found within the year.	Total.	No. of indictments finally disposed of.	No. of indictments still pending.	No. of persons included in the indictments.	Not prosecuted further than indictment.			
							Death previous to termination of prosecution.	No. of persons against whom indictments have been quashed, laid away, etc.	No. of persons in whose case nolle prosequi was entered.	Total.
Lorain .....	2	14	16	12	4	17	.....	.....	2	2
Lucas .....	10	36	46	29	17	70	.....	1	25	26
Madison .....	1	10	11	7	3	11	.....	.....	.....	.....
Mahoning .....	7	17	25	22	3	25	.....	.....	10	10
Marion .....	1	7	8	6	2	9	.....	.....	2	2
Medina .....	.....	1	1	1	1	2	.....	.....	.....	.....
Meigs .....	10	1	11	5	6	11	.....	.....	3	3
Mercer .....	2	.....	2	2	.....	2	.....	.....	.....	.....
Miami .....	2	7	9	7	2	10	.....	2	.....	2
Monroe .....	1	6	7	6	1	10	.....	.....	6	6
Montgomery .....	14	23	37	18	19	47	.....	2	5	7
Morgan .....	1	9	10	10	.....	10	.....	.....	2	2
Morrow .....	6	2	8	7	1	9	.....	.....	2	2
Muskingum .....	1	5	6	4	2	7	.....	.....	.....	.....
Noble .....	.....	6	6	5	1	6	.....	.....	.....	.....
Ottawa .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paulding .....	.....	7	7	.....	7	7	.....	.....	3	3
Perry .....	.....	5	5	3	2	8	.....	.....	1	1
Pickaway .....	3	7	10	8	2	12	1	.....	5	6
Pike .....	.....	2	2	.....	2	2	.....	.....	.....	.....
Portage .....	3	9	12	10	2	14	.....	.....	1	1
Preble .....	9	9	18	9	9	19	.....	.....	4	4
Putnam .....	6	2	8	3	5	12	.....	5	.....	5
Richland .....	5	5	10	6	4	12	.....	.....	6	6
Ross .....	4	8	12	7	5	14	.....	.....	1	1
Sandusky .....	.....	4	4	3	1	6	.....	.....	2	2
Scioto .....	17	17	34	25	9	37	1	3	14	18
Seneca .....	1	8	9	8	1	9	.....	.....	1	1
Shelby .....	1	5	6	2	4	6	.....	1	.....	1
Stark .....	1	10	11	4	7	11	.....	.....	.....	.....
Summit .....	5	9	14	12	2	14	.....	.....	5	5
Trumbull .....	5	7	12	7	5	14	.....	.....	6	6
Tuscarawas .....	6	14	20	6	14	20	1	.....	2	3
Union .....	2	5	7	3	4	8	.....	.....	.....	.....
Van Wert .....	2	4	6	2	4	6	.....	.....	1	1
Vinton .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren .....	2	11	13	7	6	20	.....	1	1	2
Washington .....	2	15	17	12	5	20	.....	.....	2	2
Wayne .....	7	7	14	10	4	14	.....	.....	4	4
Williams .....	1	.....	1	.....	1	1	.....	.....	1	1
Wood .....	3	1	4	4	.....	4	.....	.....	1	1
Wyandot .....	1	8	9	3	6	10	.....	.....	1	1
Totals .....	368	797	1165	776	389	1325	3	77	242	322

*the Person*—Continued.

RESULT FINAL.								NOT FINAL.							
Executed.	Imprisoned in penitentiary.	Imprisoned in county jail only.	Fined only.	Fined and imprisoned in county jail.	Sentenced to Reform Farm.	Acquitted	Total.	Escape.	Failure to arrest.	Number of persons in whose case trial was commenced and case continued.	Number of persons in whose case trial was not commenced.	Total.	Number of cases wherein defendant's counsel was paid by county.	Amount allowed to defendant's counsel when paid by county.	Number of crimes probably committed under the influence of intoxicating liquor.
...	...	...	4	2	...	1	10	...	4	1	1	6	2	23	6
...	...	...	11	23	...	1	26	...	...	...	18	17	...	...	...
...	...	...	3	33	...	...	6	...	1	...	2	3	...	...	...
...	...	...	4	1	...	4	12	...	...	...	3	3	1	50	7
...	...	...	5	...	...	...	5	...	1	...	1	2	...	...	...
...	...	...	...	...	...	...	2	...	6	...	...	6	...	...	2
...	...	...	1	...	...	1	2	...	...	...	...	...	1	50	1
...	...	...	3	...	...	1	6	...	1	1	...	2	...	100	...
...	...	...	1	1	...	...	2	...	2	...	...	2	...	...	...
...	...	...	5	1	...	3	11	...	4	...	25	29	2	600	22
...	...	...	4	3	...	1	7	...	...	...	...	...	...	...	2
...	...	...	4	...	...	2	6	...	1	...	...	1	...	...	4
...	...	...	2	2	...	2	6	...	...	1	...	1	...	...	...
...	...	...	3	...	...	2	...	...	...	...	1	1	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	1	1	...	...	3	...	...	...	1	1	...	...	2
...	...	...	2	...	...	1	3	...	...	...	...	4	...	...	2
...	...	...	2	1	...	...	4	...	...	...	2	2	...	...	4
...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	2
...	...	...	1	...	...	2	10	...	...	...	3	3	...	...	...
...	...	...	6	1	...	2	9	...	...	3	...	6	...	...	17
...	...	...	5	...	...	...	5	...	2	...	...	2	...	...	...
...	...	...	1	1	...	2	4	...	...	...	2	2	...	...	6
...	...	...	2	2	...	3	9	...	...	...	4	4	3	75	...
...	...	...	1	...	...	2	3	...	1	...	...	1	...	...	1
...	...	...	5	4	...	...	10	...	...	...	9	9	4	40	27
...	...	...	2	...	...	5	7	...	1	...	...	1	2	150	1
...	...	...	1	...	...	...	2	...	...	...	3	3	1	30	4
...	...	...	1	1	...	1	5	...	1	1	...	6	...	...	4
...	...	...	3	1	...	2	8	...	1	...	...	1	1	...	4
...	...	...	...	...	...	1	1	...	1	6	...	7	...	...	6
...	...	...	2	2	...	2	6	3	5	2	...	11	...	...	7
...	...	...	3	...	...	...	3	...	1	...	4	5	...	...	...
...	...	...	3	...	...	...	3	...	1	1	...	2	...	...	2
...	...	...	...	...	...	...	9	...	...	...	9	9	1	40	4
...	...	...	8	...	...	...	11	...	...	...	7	7	...	...	...
...	...	...	5	...	...	...	6	...	...	...	4	4	1	25	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	1	1	...	1	3	...	...	...	...	...	1	50	...
...	...	...	2	...	...	...	2	1	2	1	3	7	...	...	...
3	75	30	319	67	....	93	587	7	77	41	291	416	64	4,263	*235

\* As returned to this office by county clerks.

*Costs, Fines, Forfeited Recognizances and Civil Judgments*

COUNTIES.	COSTS IN CRIMINAL CASES.		
	Total amount of costs.	Amount of cost taxed against defendants.	Amount of costs collected.
Adams .....	\$378 15	\$175 90	\$42 00
Allen .....	908 00	971 00	196 00
Ashland .....	168 20	143 20	75 40
Ashtabula .....	371 85	371 85	371 85
Athens .....	1,240 60	732 45	185 86
Auglaize .....	117 50	117 50	77 25
Belmont .....	1,892 33	1,320 73	97 95
Brown .....			
Butler .....	683 96	483 96	241 20
Carroll .....	926 00	662 00	147 00
Champaign .....	3,024 13	2,723 75	1,763 06
Clark .....	2,107 00	2,107 00	855 00
Clermont .....	2,542 00	2,422 00	
Clinton .....	2,809 66	2,013 08	327 75
Columbiana .....	1,024 14	1,024 14	393 73
Coshocton .....	296 25	296 25	296 25
Crawford .....	513 00	513 00	
Cuyahoga .....	3,628 03	2,707 45	954 14
Darke .....			
Defiance .....	510 00	9 65	9 65
Delaware .....	364 05	360 05	120 05
Erie .....	285 65	2 28	
Fairfield .....	1,079 18	1,079 18	119 75
Fayette .....	396 29	151 78	1,140 00
Franklin .....	6,800 54	5,622 64	1,177 90
Fulton .....	173 20	173 20	173 20
Gallia .....	1,224 95	1,224 95	213 20
Geauga .....	820 19	324 07	220 38
Greene .....	1,198 68	1,130 06	390 20
Guernsey .....	348 00	265 00	265 00
Hamilton .....	6,812 00	4,829 00	1,983 00
Hancock .....	457 67	253 23	235 78
Hardin .....	412 50	92 21	
Harrison .....	708 00	697 00	393 00
Henry .....	32 85	32 85	32 85
Highland .....	458 25	398 00	
Hocking .....	85 77	85 77	19 43
Holmes .....	20 00	5 00	20 00
Huron .....		959 15	599 35
Jackson .....	1,379 80	991 76	435 90
Jefferson .....	388 00	310 00	250 00
Knox .....	2,348 16	1,231 67	506 28
Lake .....	461 04	8 05	60 43
Lawrence .....	665 35	665 35	125 05
Licking .....	692 22	692 22	86 80
Logan .....	579 00	466 00	432 00
Lorain .....	2,411 40	394 66	1,154 46
Lucas .....	3,066 33	2,691 84	315 28
Madison .....	1,653 17	225 85	64 50
Mahoning .....	3,569 09	1,471 16	658 72
Marion .....	486 24	377 09	145 65
Medina .....	230 79	230 79	206 69

*in each county, within the year ending July 1, 1872.*

FINES.			FORFEITED RECOGNIZANCES.			CIVIL JUDGMENTS.	
Amount of fines assessed.	Amount of fines collected.	Amount of fines probably collectable.	Amount of forfeited recognizances.	Amount collected on forfeited recognizances.	Probable amount collectable on forfeited recognizances.	Number.	Amount.
\$80 00	\$35 00	\$25 00				98	\$27,000 00
373 00	308 00	45 00	\$500 00			138	35,053 00
90 00	40 00	15 00	747 00	\$747 00		74	26,986 61
1,020 00	847 40	172 60	100 00	100 00		135	64,844 79
310 01	145 00	45 01	500 00		\$200 00	115	38,457 66
40 00	35 00		100 00			36	25,189 50
920 00	650 00	100 00				174	76,626 63
10 35	290 00	505 00				371	306,365 40
						55	21,233 13
1,239 00	750 00	430 00	100 00		100 00	183	115,689 73
1,311 00	635 00	561 00	2,700 00		2,700 00	170	75,300 00
320 00		120 00	400 00	400 00		267	92,120 72
451 00	180 00	75 00	800 00	150 00		101	67,137 61
940 00	788 50	71 44	100 00		100 00	104	69,961 39
835 00	835 00		100 00	100 00		92	43,191 66
15 00	5 00					127	159,146 82
1,201 00	601 00	200 00	4,100 00			550	620,716 50
						124	75,604 05
10 00		10 00	519 65	500 00		32	12,609 29
925 00	384 35	385 65				91	50,152 67
85 00	80 00	5 00				172	52,821 98
442 00	111 00		950 00		750 00	210	62,998 00
520 00	365 00					85	35,767 67
620 00	10 00	65 00	100 00			403	232,772 86
420 00	500 00					48	16,174 74
645 00	550 00	605 00	500 00		500 00	88	36,819 80
212 00	210 00					38	23,775 37
1,025 00	365 00	210 00				274	102,208 64
455 00	290 00	50 00				85	57,094 85
5,300 00	4,300 00		4,800 00	2,500 00		2,969	1,858,877 28
111 00	95 80	85 00	2,000 00		2,000 00	59	26,452 19
70	70		70 00			163	47,417 49
375 00	345 00	30 00	300 00	300 00		59	28,493 55
30 00	30 00					78	24,614 75
458 25						80	46,624 65
112 00	51 00	61 00				76	25,292 00
20 00	20 00		20 00	20 00		154	30,876 00
1,735 00	550 00	1,350 00				58	46,344 43
1,248 20	1,030 00	155 25	520 00	200 00	500 00	93	37,798 14
2,899 00	2,100 00	500 00	700 00	500 00		85	50,955 67
641 00	63 51	330 00				203	28,285 63
30 00	20 00	10 00				63	47,791 00
329 00	117 00	82 00	1,600 00	1,000 00	600 00	66	37,058 87
505 06	295 00	20 00	650 00		500 00	145	73,865 25
956 00	870 00	50 00	920 00			93	34,460 00
500 00	415 00		600 00		400 00	107	54,199 08
1,090 00	125 00	240 00	1,250 00			370	481,211 09
133 80	48 75	20 00				68	45,192 29
1,815 00	735 00	500 00				89	66,731 72
140 00	115 00	5 00				75	37,890 30
185 00	155 00					36	29,028 20



*Costs, Fines, Forfeited Recognizances and Civil Judgments*

COUNTIES.	COSTS IN CRIMINAL CASES.		
	Total amount of costs.	Amount of cost taxed against defendants.	Amount of costs collected.
Meigs.....	\$205 48	\$105 84	.....
Mercer.....	631 58	631 58	\$439 05
Miami.....	1,887 21	558 91	385 93
Monroe.....	250 00	150 00	.....
Montgomery.....	8,660 21	2,193 11	65 00
Morgan.....	561 33	561 33	183 66
Morrow.....	1,571 96	855 78	186 73
Muskingum.....	648 97	104 33	95 23
Noble.....	753 29	296 64	237 12
Ottawa.....	110 00	110 00	110 00
Paulding.....	810 00	412 00	.....
Perry.....	.....	.....	.....
Pickaway.....	1,583 00	.....	210 00
Pike.....	75 80	75 80	75 80
Portage.....	581 00	.....	397 00
Preble.....	588 14	588 14	162 18
Putnam.....	329 54	329 54	280 00
Richland.....	450 07	450 07	14 36
Ross.....	4,101 73	3,399 07	21 02
Sandusky.....	570 80	290 80	.....
Scioto.....	1,009 84	1,009 84	939 29
Seneca.....	734 55	296 78	75 45
Shelby.....	246 15	119 00	89 85
Stark.....	975 31	819 22	242 04
Summit.....	1,773 10	133 40	.....
Trumbull.....	1,496 35	.....	788 00
Tuscarawas.....	560 00	515 00	400 00
Union.....	33 92	33 92	33 92
Van Wert.....	.....	58 80	.....
Vinton.....	.....	.....	.....
Warren.....	512 00	452 00	225 00
Washington.....	695 35	525 91	65 18
Wayne.....	808 68	242 27	171 52
Williams.....	55 10	55 10	42 15
Wood.....	1,349 24	711 33	637 91
Wyandot.....	576 45	576 45	62 47
Totals.....	\$97,945 36	\$62,898 91	\$24,204 85



*in each county, within the year ending July 1, 1872—Continued.*

FINES.			FORFEITED RECOGNIZANCES.			CIVIL JUDGMENTS.	
Amount of fines assessed.	Amount of fines collected.	Amount of fines probably collectable.	Amount of forfeited recognizances.	Amount collected on forfeited recognizances.	Probable amount collectable on forfeited recognizances.	Number.	Amount.
\$40 00	-----	\$40 00	-----	-----	-----	121	\$47,752 59
25 00	\$25 00	-----	-----	-----	-----	59	26,662 82
663 00	535 00	-----	-----	-----	-----	125	130,611 61
180 00	-----	-----	\$200 00	-----	-----	86	30,533 39
60 00	10 00	-----	1,600 00	-----	-----	757	254,237 97
166 00	110 00	36 00	-----	-----	-----	76	26,778 95
155 00	140 00	10 00	-----	-----	-----	59	23,955 10
328 00	204 05	-----	175 00	\$125 00	-----	89	61,018 87
275 00	80 00	185 00	200 00	-----	-----	53	30,469 59
440 00	440 00	440 00	-----	-----	-----	-----	-----
10 00	5 00	5 00	-----	-----	-----	50	20,085 32
-----	-----	-----	-----	-----	-----	115	103,267 00
-----	105 00	1,150 00	1,000 00	100 00	-----	171	123,836 30
75 00	75 00	-----	-----	-----	-----	76	25,586 33
560 00	327 00	95 00	-----	-----	-----	71	48,033 89
537 00	185 00	335 00	-----	-----	-----	60	29,822 51
490 00	390 00	100 00	-----	-----	-----	40	18,168 00
167 00	41 00	-----	500 00	450 00	-----	264	122,296 00
1,327 00	10 00	10 00	-----	-----	-----	108	91,048 44
125 00	-----	-----	-----	-----	-----	98	23,879 56
1,395 00	825 00	360 00	100 00	100 00	-----	132	70,799 88
150 00	-----	-----	1,000 00	-----	-----	84	44,301 54
80 00	30 00	30 00	300 00	300 00	-----	39	24,037 44
416 00	349 15	30 00	950 00	-----	\$950 00	262	229,823 76
455 00	150 00	-----	1,000 00	-----	-----	106	74,724 43
1,020 00	570 00	250 00	500 00	-----	500 00	177	90,504 20
1,560 00	1,400 00	50 00	-----	-----	-----	33	15,414 23
12 00	12 00	-----	30 00	-----	30 00	116	58,500 95
110 00	39 20	10 80	213 89	-----	-----	54	13,018 94
-----	-----	-----	-----	-----	-----	-----	-----
895 00	345 00	50 00	2,000 00	669 75	-----	68	43,750 00
105 00	80 00	25 00	50 00	-----	-----	149	100,360 77
426 00	316 75	100 00	550 00	400 00	-----	114	64,600 10
160 00	160 00	-----	160 00	-----	-----	63	25,253 00
848 00	836 00	-----	-----	-----	-----	81	38,801 63
85 00	60 00	25 00	2,000 00	-----	2,000 00	197	68,866 22
\$46,578 37	\$28,347 22	\$10,470 75	\$38,280 54	\$8,661 75	\$11,830 00	13,786	\$7,993,132 03

*Number and Value of County Buildings, Number and Length of Turnpikes and Plank Roads, and the Number and Value of Buildings consumed by fire, flood or otherwise.*

COUNTIES.	Number of county buildings.	Value.	Number of turnpikes.	Length of turnpikes in miles.	Number of plank roads.	Length of plank roads in miles.	Total number.	Total length in miles.	Number of buildings destroyed by flood or otherwise.	Value of same.
Adams .....	5	\$15,000	8	80	...	...	8	80	4	\$2,900
Allen .....	3	50,000	...	...	...	...	...	...	7	3,759
Ashland .....	3	40,000	...	...	...	...	...	...	12	4,419
Ashtabula .....	6	54,000	...	...	...	...	...	...	10	3,750
Athens .....	3	15,000	...	...	...	...	...	...	6	3,500
Anglaize .....	3	30,000	1	6	1	10	2	16	1	250
Belmont .....	6	125,000	9	62	...	...	9	62	15	5,425
Brown .....	4	50,000	19	176	...	...	19	176	7	5,050
Butler .....	8	35,000	18	117	...	...	18	117	21	10,400
Carroll .....	3	30,000	...	...	...	...	...	...	2	276
Champaign .....	6	35,000	50	272	...	...	50	272	5	4,740
Clarke .....	5	70,000	21	176	...	...	21	176	3	1,500
Clermont .....	5	25,000	20	143	...	...	20	143	7	1,600
Clinton .....	4	65,000	20	180	...	...	20	180	1	1,500
Columbiana .....	3	150,000	...	...	...	...	...	...	...	...
Coshocton .....	4	14,000	...	...	...	...	...	...	5	3,200
Crawford .....	3	100,000	...	...	...	...	...	...	...	...
Cuyahoga .....	2	200,000	1	8	5	47	6	55	23	35,116
Darke .....	3	700	41	317	...	...	41	317	10	2,900
Defiance .....	5	110,000	4	60	...	...	4	60	8	12,151
Delaware .....	3	90,000	8	62	...	...	8	62	1	1,000
Erie .....	3	40,000	1	10	...	...	1	10	14	5,340
Fairfield .....	4	191,000	6	87	...	...	6	87	8	4,600
Fayette .....	3	45,000	25	207	...	...	25	207	4	6,600
Franklin .....	3	120,000	12	161	...	...	12	161	...	...
Fulton .....	3	6,000	...	...	...	...	...	...	5	750
Gallia .....	5	18,100	...	...	...	...	...	...	5	2,027
Geauga .....	6	120,000	...	...	...	...	...	...	10	1,213
Greene .....	4	111,000	22	160	...	...	22	160	10	5,280
Guernsey .....	2	45,000	1	28	...	...	1	28	2	300
Hamilton .....	4	1,420,000	15	150	...	...	15	150	143	271,200
Hancock .....	4	65,000	...	...	...	...	...	...	4	1,050
Hardin .....	3	6,500	9	100	...	...	9	100	1	300
Harrison .....	4	20,000	1	2	...	...	1	2	6	3,000
Henry .....	3	30,000	...	...	...	...	...	...	1	120
Highland .....	3	44,000	13	118	...	...	13	118	1	100
Hocking .....	4	68,000	1	6	...	...	1	6	1	255
Holmes .....	4	50,000	...	...	...	...	...	...	5	1,500
Huron .....	12	53,000	...	...	...	...	...	...	3	440
Jackson .....	2	40,000	...	...	...	...	...	...	2	580
Jefferson .....	2	15,525	1	2	...	...	1	2	5	4,705
Knox .....	4	50,000	...	...	...	...	...	...	6	984
Lake .....	3	30,000	...	...	...	...	...	...	7	2,314
Lawrence .....	3	38,000	...	...	...	...	...	...	...	...
Licking .....	3	110,000	1	30	...	...	1	30	3	3,623
Logan .....	1	150,000	21	118	...	...	21	118	6	2,860
Lorain .....	3	80,000	...	...	...	...	...	...	10	15,232
Lucas .....	4	120,000	19	200	5	21	24	221	36	18,000
Madison .....	2	70,000	28	250	...	...	28	250	5	12,000
Mahoning .....	3	40,605	...	...	...	...	...	...	1	309
Marion .....	3	35,000	3	20	1	5	4	25	2	1,150

*Number and Value of County Buildings, etc.—Continued.*

COUNTIES.	Number of county buildings.	Value.	Number of turn-pikes.	Length of turnpikes in miles.	Number of plank roads.	Length of plank roads in miles.	Total number.	Total length in miles.	Number of buildings destroyed by flood or otherwise.	Value of same.
Medina .....	3	\$40,000	...	...	...	...	...	...	15	\$2,000
Meigs .....	4	25,000	...	...	...	...	...	...	14	3,600
Mercer .....	3	60,000	...	...	...	...	...	...	2	375
Miami .....	3	100,000	9	64	...	...	9	64	4	860
Monroe .....	3	48,000	...	...	...	...	...	...	3	1,950
Montgomery .....	4	400,000	36	350	...	...	36	350	4	3,000
Morgan .....	3	27,000	...	...	...	...	...	...	5	1,046
Morrow .....	3	25,000	1	13	...	...	1	13	3	1,390
Muskingum .....	3	50,000	2	39	...	...	2	39	4	2,904
Noble .....	2	15,000	...	...	...	...	...	...	...	...
Ottawa .....	3	15,000	...	...	...	...	...	...	5	1,900
Paulding .....	3	6,000	...	...	...	...	...	...	1	200
Perry .....	2	20,000	1	18	...	...	1	18	2	1,000
Pickaway .....	3	125,000	10	100	13	120	23	220	2	1,260
Pike .....	1	25,000	4	44	...	...	4	44	2	1,800
Portage .....	3	40,000	...	...	...	...	...	...	5	880
Preble .....	3	100,000	3	56	...	...	3	56	4	3,080
Putnam .....	3	32,000	...	...	...	...	...	...	3	2,560
Richland .....	3	230,000	...	...	...	...	...	...	11	13,870
Ross .....	3	150,000	15	150	...	...	15	150	5	1,850
Sandusky .....	3	70,000	4	55	...	...	4	55	3	600
Scioto .....	4	40,000	10	35	...	...	10	35	6	12,521
Seneca .....	10	116,000	...	...	...	...	...	...	33	13,695
Shelby .....	4	65,000	24	138	...	...	24	138	4	1,800
Stark .....	3	230,000	...	...	...	...	...	...	10	5,000
Summit .....	3	150,000	...	...	...	...	...	...	12	7,347
Trumbull .....	3	100,000	...	...	...	...	...	...	11	4,980
Tuscarawas .....	4	80,000	...	...	...	...	...	...	11	6,355
Union .....	2	15,000	...	...	...	...	...	...	...	...
Van Wert .....	8	10,000	...	...	...	...	...	...	3	1,500
Vinton .....	2	40,000	...	...	...	...	...	...	1	420
Warren .....	4	100,000	65	400	...	...	65	400	...	...
Washington .....	4	34,000	...	...	...	...	...	...	7	3,785
Wayne .....	4	200,000	...	...	...	...	...	...	6	8,040
Williams .....	5	30,000	...	...	...	...	...	...	...	...
Wood .....	1	40,000	30	124	...	...	30	124	14	5,366
Wyandot .....	5	24,000	...	...	...	...	...	...	3	1,100
Totals .....	320	\$7,412,420	613	4894	25	203	638	5097	672	\$587,325

\* Last year's report in regard to county buildings.

*Banks and their Capital.*

COUNTIES.	Number of National Banks.	Capital.	Number of private banks.	Capital.	Total number of banks.	Total capital.
Adams .....	1	.....	2	\$22,000	2	\$22,000
Allen † .....	1	\$100,000	4	43,491	5	143,491
Ashland .....	1	50,000	2	50,000	3	100,000
Ashtabula .....	2	170,000	3	150,000	5	320,000
Athens .....	1	75,000	1	50,000	2	125,000
Auglaize .....	2	30,000	2	.....	2	30,000
Belmont .....	4	450,000	2	60,000	6	510,000
Brown .....	2	350,000	2	19,000	4	369,000
Butler .....	3	340,000	5	86,262	8	426,262
Carroll .....	.....	.....	2	12,786	2	12,786
Campaign .....	2	200,000	1	11,000	3	211,000
Clarko .....	4	771,000	1	13,632	5	784,632
Clermont .....	2	200,000	.....	.....	2	200,000
Clinton .....	1	100,000	2	33,000	3	133,000
Columbiana .....	3	425,000	7	70,000	10	495,000
Coshocton .....	1	50,000	.....	.....	1	50,000
Crawford .....	2	150,000	3	80,000	5	230,000
Cuyahoga .....	6	3,700,000	9	283,000	15	3,983,000
Darke .....	1	80,000	.....	.....	1	80,000
Defiance .....	1	100,000	.....	.....	1	100,000
Delaware .....	2	200,000	1	25,000	3	225,000
Erie .....	2	250,000	.....	.....	2	250,000
Fairfield .....	2	140,000	1	10,000	3	150,000
Fayette .....	1	200,000	1	150,000	2	350,000
Franklin .....	3	710,000	9	196,000	12	906,000
Fulton .....	.....	.....	1	5,632	1	5,632
Gallia .....	1	100,000	.....	.....	1	100,000
Geauga † .....	.....	.....	.....	.....	.....	.....
Greene .....	2	220,000	1	50,000	3	270,000
Guernsey .....	1	100,000	.....	.....	1	100,000
Hamilton .....	5	4,100,000	17	2,235,510	22	6,355,510
Hancock .....	1	50,000	2	10,000	3	60,000
Hardin .....	.....	.....	.....	.....	.....	.....
Harrison .....	2	220,000	3	94,000	5	314,000
Henry .....	1	50,000	.....	.....	1	50,000
Highland .....	2	150,000	3	109,000	5	259,000
Hocking .....	1	50,000	1	25,000	2	75,000
Holmes .....	1	100,000	1	20,000	2	120,000
Huron .....	2	150,000	1	15,000	3	165,000
Jackson .....	1	60,000	.....	.....	1	60,000
Jefferson .....	3	425,000	1	55,000	4	480,000
Knox .....	2	200,000	1	15,000	3	215,000
Lake .....	1	200,000	2	120,000	3	320,000
Lawrence .....	2	354,000	1	7,000	3	361,000
Licking .....	2	150,000	4	146,000	6	296,000
Logan .....	1	110,000	1	70,733	2	180,733
Lorain .....	3	300,000	.....	.....	3	300,000
Lucas .....	5	1,650,000	4	300,000	9	1,950,000
Madison .....	1	120,000	2	31,000	3	151,000
Mahoning .....	1	300,000	3	299,190	4	599,190

*Banks and their Capital—Continued.*

COUNTIES.	Number of National Banks.	Capital.	Number of private banks.	Capital.	Total number of banks.	Total capital.
Marion .....			2	53,000	2	53,000
Medina .....	1	75,000			1	75,000
Meigs .....	2	400,000	2	100,000	4	500,000
Mercer .....			1	3,579	1	3,579
Miami .....	3	495,000	1	66,200	4	561,200
Monroe .....			1	3,000	1	3,000
Montgomery .....	4	690,000	5	170,930	9	1,060,930
Morgan .....	1	100,000	1	20,000	2	120,000
Morrow .....	2	220,000	1	7,378	3	227,378
Muskingum .....	2	354,700	4	38,708	6	393,408
Noble .....			1	16,000	1	16,000
Ottawa *						
Paulding *						
Perry .....			1	14,000	1	14,000
Pickaway .....	2	385,000			2	385,000
Pike *						
Portage .....	3	350,000	3	300,000	6	650,000
Preble .....	1	100,000			1	100,000
Putnam .....			2	48,000	2	48,000
Richland .....	5	450,000			5	450,000
Ross .....	3	350,000	1	26,000	4	376,000
Sandusky .....	1	100,000	3	25,000	4	125,000
Scioto .....	5	850,000	1	7,000	6	857,000
Seneca .....	2	250,000	1	30,000	3	280,000
Shelby .....	1	52,000	1	185,000	2	237,000
Stark .....	5	440,000	12	200,000	17	640,000
Summit .....	2	350,000	3	300,000	5	650,000
Trumbull .....	2	390,000	7	190,000	9	580,000
Tuscarawas .....			2	76,497	2	76,497
Union .....			3	23,000	3	23,000
Van Wert .....	1	72,000	1	97,368	2	169,368
Vinton *						
Warren .....	1	108,000	4	86,000	5	194,000
Washington .....	3	400,000	1	75,000	4	475,000
Wayne .....	2	175,000	4	77,000	6	252,000
Williams .....	1	60,000	1	10,000	2	70,000
Wood .....			2	18,000	2	18,000
Wyandot .....	1	105,000	4	36,270	5	141,200
Totals .....	146	\$25,521,700	183	\$7,276,096	329	\$32,797,796

\* No banks reported.

† No capital reported.



*Prisoners confined in County Jails in each County, during the year ending July 1, 1872, and the cost of keeping them, together with their place of nativity.*

COUNTIES.	Number.	Aggregate cost.	Average cost per day per capita.	WHERE BORN.								
				United States.	England, Scotland, and Wales.	Canada.	Ireland.	Germany.	France.	Other countries.	Unknown.	Colored.
Adams .....	8	\$102 00	66	7	.....	.....	.....	1	.....	.....	.....	.....
Allen .....	49	200 00	60	30	.....	.....	10	4	1	.....	.....	4
Ashland .....	10	53 25	70	9	.....	.....	.....	.....	1	.....	.....	.....
Ashtabula .....	45	406 10	90	22	.....	2	14	.....	.....	1	6	.....
Athens .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anglaizo .....	34	129 50	50	21	.....	.....	5	5	.....	.....	2	1
Belmont .....	40	743 50	67	28	.....	.....	3	7	.....	.....	.....	2
Brown .....	11	262 80	72	11	.....	.....	.....	.....	.....	.....	.....	.....
Britler .....	100	700 00	70	30	20	2	20	10	2	1	5	10
Carroll .....	7	50 00	50	6	.....	.....	.....	1	.....	.....	.....	.....
Champaign .....	45	595 00	50	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Clarke .....	146	1,460 00	50	63	20	10	28	20	.....	.....	5	.....
Clermont .....	14	489 06	57	11	.....	.....	1	1	.....	.....	.....	1
Clinton .....	34	327 00	50	8	2	.....	4	2	.....	.....	.....	18
Columbiana .....	39	748 05	57	25	6	.....	4	.....	.....	.....	.....	4
Coshocton .....	45	135 00	\$1 00	10	3	.....	5	.....	6	17	.....	.....
Crawford .....	10	21 00	55	4	.....	1	2	2	.....	.....	1	.....
Cuyahoga .....	202	4,098 75	50	101	12	6	37	23	1	7	.....	15
Darke .....	14	233 30	68	12	.....	.....	2	.....	.....	.....	.....	.....
Defiance .....	15	175 00	50	12	1	.....	.....	1	.....	.....	.....	1
Delaware .....	168	283 50	50	115	9	.....	20	10	.....	10	.....	4
Erie .....	22	276 00	65	6	.....	.....	2	8	.....	.....	4	2
Fairfield .....	36	519 25	1 42	32	1	.....	2	.....	.....	.....	.....	1
Fayette .....	17	230 00	50	14	.....	.....	.....	.....	.....	.....	.....	3
*Franklin .....	279	4,302 50	50	203	.....	1	47	17	.....	.....	.....	11
Fulton .....	18	400 55	57	12	2	.....	1	2	1	.....	.....	.....
Gallia .....	18	411 45	47	16	.....	.....	.....	.....	1	.....	.....	1
Geauga .....	6	48 00	50	6	.....	.....	.....	.....	.....	.....	.....	.....
Greene .....	75	802 50	56	64	1	.....	6	3	.....	.....	1	.....
Guerusey .....	18	173 00	73	14	1	.....	2	1	.....	.....	.....	.....
Hamilton .....	500	4,435 20	28	250	25	10	100	75	20	.....	.....	20
Hancock .....	23	121 00	60	20	.....	.....	.....	3	.....	.....	.....	.....
Hardin .....	4	17 00	50	4	.....	.....	.....	.....	.....	.....	.....	.....
Harrison .....	20	221 75	50	16	.....	.....	1	.....	.....	.....	.....	3
Henry .....	22	95 00	50	8	.....	.....	4	3	1	.....	5	1
*Highland .....	13	170 00	50	13	.....	.....	.....	.....	.....	.....	.....	.....
Hocking .....	42	116 00	50	21	1	.....	4	3	.....	.....	12	1
Holmes .....	13	130 50	56	5	.....	.....	4	3	1	.....	.....	.....
Huron .....	65	540 50	21	32	5	.....	9	3	2	3	8	3
*Jackson .....	30	240 00	50	20	1	.....	5	.....	.....	.....	.....	4
Jefferson .....	33	655 35	61	22	1	.....	4	.....	.....	.....	.....	6
Knox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake .....	66	337 00	90	41	.....	1	19	.....	.....	.....	3	2
*Lawrence .....	110	1,310 15	67	87	2	.....	12	2	.....	.....	.....	7
Licking .....	661	991 00	52	103	121	22	27	11	6	15	300	56
Logan .....	64	547 28	78	24	.....	.....	20	8	.....	.....	10	2
Lorain .....	54	450 00	50	10	15	.....	15	10	.....	.....	.....	4
Lucas .....	200	3,000 00	50	68	12	7	50	53	10	.....	.....	.....
Madison .....	25	600 00	50	15	.....	1	4	.....	.....	.....	.....	5



*Prisoners confined in County Jails—Continued.*

COUNTIES.	Number.	Aggregate cost.	Average cost per day per capita.	WHERE BORN.								
				United States.	England, Scotland, and Wales.	Canada.	Ireland.	Germany.	France.	Other countries.	Unknown.	Colored.
Mahoning .....	70	740 00	50	34	16	.....	15	5	.....	.....	.....	.....
Marion .....	21	213 85	65	17	.....	.....	2	1	.....	.....	.....	.....
Medina .....	19	169 90	61	15	.....	.....	3	1	.....	.....	.....	.....
*Meigs .....	169	964 65	49	109	10	.....	16	20	.....	.....	.....	14
Mercer .....	8	23 68	62	7	.....	1	.....	.....	.....	.....	.....	.....
Miami .....	73	524 40	40	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monroe .....	5	100 00	50	3	.....	.....	.....	2	.....	.....	.....	.....
Montgomery .....	280	4,000 00	50	202	5	3	35	30	1	1	.....	.....
*Morgan .....	19	95 50	50	19	.....	.....	.....	.....	.....	.....	.....	.....
Morrow .....	8	131 75	50	8	.....	.....	.....	.....	.....	.....	.....	.....
Muskingum .....	83	523 50	64	75	.....	.....	3	5	.....	.....	.....	.....
Noble .....	6	133 05	\$1 15	6	.....	.....	.....	.....	.....	.....	.....	.....
Ottawa .....	19	187 00	50	3	.....	2	8	3	.....	.....	2	1
Paulding .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Perry .....	6	130 00	50	6	.....	.....	.....	.....	.....	.....	.....	.....
Pickaway .....	30	604 85	48	24	1	.....	2	.....	.....	.....	.....	3
Pike .....	10	526 88	74	9	.....	.....	.....	1	.....	.....	.....	.....
Portage .....	81	601 00	98	.....	.....	.....	.....	.....	.....	.....	.....	.....
Preble .....	44	1,203 90	1 10	22	.....	.....	7	5	.....	2	8	.....
Putnam .....	11	246 15	55	6	.....	.....	2	1	.....	1	.....	1
Richland .....	58	718 25	50	31	4	.....	13	8	.....	.....	.....	2
Ross .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sandusky .....	120	434 00	50	64	8	2	15	20	.....	.....	14	3
Scioto .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seneca .....	22	828 50	50	10	1	.....	.....	6	.....	.....	4	1
Shelby .....	9	475 00	50	9	.....	.....	.....	.....	.....	.....	.....	.....
Stark .....	86	1,346 50	58	66	4	2	6	7	1	.....	.....	.....
Summit .....	54	610 00	50	26	4	3	9	12	.....	.....	.....	.....
†Trumbull .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuscarawas .....	20	367 00	1 00	17	1	.....	.....	.....	.....	1	.....	1
†Union .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Van Wert .....	17	116 25	50	14	.....	.....	1	2	.....	.....	.....	.....
Vinton .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren .....	40	639 50	70	36	.....	.....	3	1	.....	.....	.....	.....
Washington .....	34	459 00	60	30	.....	.....	.....	2	.....	.....	.....	2
Wayne .....	20	160 00	70	19	.....	.....	1	.....	.....	.....	.....	.....
Williams .....	39	142 00	70	30	1	1	4	4	.....	.....	.....	.....
Wood .....	33	258 10	56	28	1	1	1	2	.....	.....	.....	.....
Wyandot .....	11	330 00	50	3	.....	.....	.....	7	.....	.....	.....	.....
Total .....	5,000	50,587 95	48 16	2599	317	78	642	437	55	59	390	220

\* Returned for correction.

† No jail.

*Persons supported by State and Counties.*

COUNTIES.	INSANE.				REFORM FARM.		Number of paupers in County Infirmary.	Number of paupers otherwise supported.	Total.
	WHITE.		COLOR'D.		Boys.	Girls.			
	Male.	Female.	Male.	Female.					
Adams .....	3	2					40		40
Allen .....	2	4		1			35		35
Ashland .....	2	2					37		37
Ashtabula .....	6					1	97	14	111
Athens .....	2	1		1			85		85
Auglaize .....	5	2			1		18	8	26
Belmont .....	8	1					102		102
Brown .....	8	5			1		49		49
Butler .....	7	6			8		114	5	119
Carroll .....	2	3					30	3	33
Champaign .....	3	2			1		56	3	59
Clarke .....	6	4			2	6	84		84
Clermont .....	2	3	1	1	2		95	87	182
Clinton .....	3	4			3	1	84	3	87
Columbiana .....	3	2			1		127		127
Coshocton .....							30	7	37
Crawford .....	4	4					61		61
Cuyahoga .....	30	51			12	4	153	44	197
Darke .....	4	4					63		63
Defiance .....	6	5	1				16		16
Delaware .....	6	4			6	9	90	19	109
Erie .....	8	9					62		62
Fairfield .....	1	1					104	18	122
Fayette .....	4				1	1	43		43
Franklin .....	12	17		1	9	4	272	1028	1300
Fulton .....	1	1						4	4
Gallia .....	3	2					44	22	66
Geauga .....	2	2					41	25	66
Greene .....	5	5			1	1	82	7	89
Guernsey .....	4	4					43	4	47
Hamilton .....	77	63	3	2	8	2	171		171
Hancock .....	5	3					25		25
Hardin .....	2	2					25		25
Harrison .....	2	4					65	70	135
Henry .....		2					21	40	61
Highland .....	2	6					57		57
Hocking .....		6			1		56	9	65
Holmes .....	2	1					45	15	60
Huron .....	1	3				1	63	1	69
Jackson .....		3						8	8
Jefferson .....	3	5	2		1	1	80	100	180
Knox .....	2	5			1		30	30	60
Lake .....		3			2		35	35	70
Lawrence .....	2	2				1	35		35
Licking .....	6	5			3	2	93		93
Logan .....	6	1			1		44		44
Lorain .....	8	10		1	1	1	38	10	48
Lucas .....	5	11			7	1	46	6	52
Madison .....							45	5	50
Mahoning .....	7	6					63	11	74
Marion .....	2	1					20	11	31
Medina .....	2	4					43		43
Meigs .....	7	2					45	55	100
Mercer .....	2	1					20		20

*Persons supported by State and Counties—Continued.*

COUNTIES.	INSANE.				REFORM FARM.		Number of paupers in County Infirmary.	Number of paupers otherwise supported.	Total.
	WHITE.		COLOR'D.		Boys.	Girls.			
	Male.	Female.	Male.	Female.					
Miami .....	3	6	1				81		81
Monroe .....	3	3					31	2	33
Montgomery .....							50		50
Morgan .....	2	1					99	75	174
Morrow .....	5						9		9
Muskingum .....	5	7			8	8	143	150	293
Noble .....	5						43	12	55
Ottawa .....	2	2			1			3	3
Paulding .....	1				1		10	2	12
Perry .....	9	6			1		48	18	66
Pickaway .....	2	8	1					6	6
Pike .....	1						16	13	29
Portage .....	3	3			2		61	4	65
Preble .....	2	1					52	1	53
Putnam .....					3		20	1	21
Richland .....	1	1			4	1	70	200	270
Ross .....		2					93	30	123
Sandusky .....	5	3				1	34	11	45
Scioto .....	2	2			3		33	13	46
Seneca .....		3			1		47	7	54
Shelby .....	1	5					35		35
Stark .....	13	4			3		103		103
Summit .....	3	5	1		2		67	54	121
Trumbull .....	6	5			2	1	60	2	62
Tuscarawas .....	5	4			1		78	3	81
Union .....	1	1			2		31	2	33
Van Wert .....	2	4					23		23
Vinton .....		2			1	2		4	4
Warren .....		3				1	90		90
Washington .....	8	8				2	70	65	135
Wayne .....	9	5					71		71
Williams .....	1	2				1	7		7
Wood .....	5	4			1	1	43	49	97
Wyandot .....	1	3			3	1	30		30
Totals .....	401	407	8	9	102	55	4985	2434	7419

*Deeds, Leases and Mortgages recorded in each County within the year ending  
July 1, 1872.*

COUNTIES.	Number of deeds recorded.	Number of leases recorded.	Number other than railroad mortgages recorded.	MORTGAGES.			
				Amount of money secured by same.	Number of railroad mortgages recorded.	Amount of money secured by same.	Number other than railroad mortgages cancelled.
Adams ....	539	7	185	\$160,723 00	---	---	78
Allen .....	751	15	294	348,811 00	1	\$185,000 00	108
Ashland ....	500	5	283	376,490 00	1	12,000,000 00	7
Ashtabula ..	1,380	12	496	402,752 00	2	3,000,000 00	331
Athens .....	630	7	287	---	1	1,000,000 00	---
Auglaize ....	830	12	396	144,936 00	1	2,850,000 00	174
Belmont .....	882	10	466	574,970 00	---	---	195
Brown .....	374	4	158	194,093 00	---	---	90
Butler .....	937	21	814	1,311,763 22	2	1,750,000 00	716
Carroll .....	466	2	206	298,561 16	---	---	120
Champaign ..	149	7	436	550,553 00	2	24,000,000 00	266
Clarke .....	711	11	611	874,910 27	---	---	470
Clermont ....	1,051	35	569	499,357 16	---	---	390
Clinton .....	350	10	300	100,000 00	---	---	50
Columbiana ..	1,406	30	673	446,580 00	---	---	313
Coshocton ....	650	20	298	375,230 48	---	---	128
Crawford ....	700	2	400	---	2	65,000,000 00	125
Cuyahoga ....	4,500	275	4,000	2,000,000 00	1	3,000,000 00	5,000
Darke .....	1,378	7	422	892,225 00	1	2,880,000 00	325
Defiance .....	710	5	292	288,002 55	---	---	113
Delaware ....	825	11	484	551,000 00	2	6,000,000 00	283
Erie .....	992	32	780	788,226 00	1	2,880,000 00	203
Fairfield ....	604	1	305	488,000 00	2	6,000,000 00	100
Fayette .....	317	7	205	385,130 66	---	---	7
Franklin .....	2,382	46	1,788	2,265,506 00	2	2,000,000 00	200
Fulton .....	---	---	---	---	---	---	---
Gallia .....	502	7	252	162,542 00	---	---	109
Geauga .....	437	20	187	203,670 00	1	3,000,000 00	162
Greene .....	840	4	402	691,475 00	---	---	197
Guernsey .....	600	5	247	123,500 00	---	---	50
Hamilton ....	4,294	716	3,869	20,808,093 47	4	6,218,000 00	2,017
Hancock .....	901	8	258	337,454 77	2	3,230,000 00	233
Hardin .....	925	11	420	312,000 00	---	---	165
Harrison ....	417	8	208	251,836 19	---	---	124
Henry .....	1,114	27	413	337,603 63	---	---	299
Highland ....	760	6	435	420,136 00	---	---	136
Hocking .....	380	---	200	100,000 00	1	1,000,000 00	40
Holmes .....	503	11	438	483,348 00	---	---	256
Huron .....	889	22	603	676,485 00	---	---	387
Jackson .....	454	5	177	129,593 00	---	---	114
Jefferson ....	816	11	513	952,966 30	---	---	---
Knox .....	750	6	430	659,133 00	1	5,000,000 00	175
Lake .....	531	20	261	286,130 51	---	---	198
Lawrence ....	650	4	258	250,887 00	---	---	101
Licking .....	600	20	420	798,893 00	1	5,000,000 00	160
Logan .....	646	4	351	397,603 00	1	6,000,000 00	351
Lorain .....	1,185	25	678	419,360 00	2	3,500,000 00	219
Lucas .....	2,500	51	1,800	2,246,197 47	2	4,600,000 00	92
Madison .....	387	4	205	301,879 71	1	1,000,000 00	90

*Deeds, Leases and Mortgages recorded in each County—Continued.*

COUNTIES.	Number of deeds recorded.	Number of leases recorded.	Number other than railroad mortgages recorded.	MORTGAGES.				
				Amount of money secured by same.	Number of railroad mortgages recorded.	Amount of money secured by same.	Number other than railroad mortgages cancelled.	Amount of money released.
Mahoning ..	1,019	31	464	\$705,692 00	4	\$66,000,000 00	312	\$255,238 00
Marion .....	662	10	259	339,388 00	1	5,000,000 00	188	250,938 00
Medina .....	700	12	352	431,836 00	.....	.....	214	234,519 00
Meigs .....	677	9	213	197,997 70	1	5,000,000 00	.....	.....
Mercer .....	631	9	216	155,346 08	1	2,880,000 00	63	27,634 50
Miami .....	1,040	11	670	783,370 70	3	15,000,000 00	452	524,996 78
Monroe .....	320	.....	223	206,231 00	.....	.....	147	96,604 00
Montgomery	1,785	53	1,650	1,220,000 00	4	68,000,000 00	765	654,000 00
Morgan .....	540	3	190	60,000 00	.....	.....	52	18,000 00
Morrow .....	641	6	310	474,300 00	2	34,000,000 00	202	320,170 00
Muskingum.	943	24	680	642,789 70	.....	.....	.....	.....
Noble .....	400	18	130	140,519 00	.....	.....	65	75,379 00
Ottawa .....	782	13	349	341,774 97	.....	.....	251	185,227 98
Paulding ...	646	9	268	100,240 00	.....	.....	.....	.....
Perry .....	607	16	268	280,650 00	.....	.....	105	127,053 00
Pickaway...	450	16	318	374,457 44	.....	.....	175	281,369 80
Pike .....	398	.....	98	57,946 75	.....	.....	7	2,889 37
Portage .....	939	25	529	655,660 37	1	59,000,000 00	308	382,738 55
Preble .....	711	2	335	417,406 32	1	6,000,000 00	154	244,904 26
Putnam .....	1,192	20	387	229,772 00	.....	.....	193	120,872 00
Richland ...	1,018	9	588	649,787 04	1	.....	247	368,684 94
Ross .....	763	14	431	543,274 00	.....	.....	.....	.....
Sandusky ..	816	24	471	618,270 22	1	2,880,000 00	412	401,323 15
Scioto .....	714	19	468	564,133 69	.....	.....	281	338,480 22
Seneca .....	1,103	18	691	947,661 86	2	7,880,000 00	334	375,533 85
Shelby .....	636	12	307	256,205 00	2	249,000 00	190	176,856 00
Stark .....	1,199	150	1,081	1,343,173 02	2	2,500,000 00	641	756,298 82
Summit .....	1,184	44	611	846,440 28	3	33,000,000 00	.....	.....
Trumbull ...	1,545	42	407	576,000 00	4	51,200,000 00	379	589,000 00
Tuscarawas.	1,143	18	595	470,875 00	1	2,000,000 00	243	200,475 00
Union .....	636	13	498	560,608 00	1	8,000,000 00	126	140,402 00
Van Wert ..	725	8	350	175,000 00	1	6,000,000 00	118	59,575 00
Vinton .....	426	5	128	75,038 82	.....	.....	26	16,485 00
Warren .....	658	18	447	569,947 70	2	1,750,000 00	289	470,394 70
Washington	934	57	487	383,085 43	.....	.....	212	188,715 44
Wayne .....	899	15	439	653,846 42	3	3,000,000 00	265	384,906 64
Williams ...	860	18	425	215,000 00	.....	.....	375	192,000 00
Wood .....	988	6	494	387,642 00	1	5,000,000 00	486	342,296 00
Wyandot ...	615	13	433	309,462 59	1	5,000,000 00	113	76,331 00
Totals..	77,183	2382	45,463	\$63,619,446 65	80	\$560,462,000 00	23,860	\$29,269,558 79



Table showing New Structures erected

COUNTIES.	Dwellings, hotels and depots.		Barns and stables.		Mills, machine- shops, factories, iron furnaces, etc.	
	No.	Amount.	No.	Amount.	No.	Amount.
Adams .....	18	\$7,570	15	\$3,850	-----	-----
Allen .....	75	23,350	55	9,775	1	\$3,000
Ashland .....	88	43,525	38	11,725	-----	-----
Ashtabula .....	102	41,521	42	5,600	4	10,950
Athens .....	87	52,450	24	6,500	1	600
Auglaize .....	86	36,974	47	11,025	-----	-----
Belmont .....	125	106,970	33	6,700	2	13,000
Brown .....	40	19,355	24	5,275	2	600
Butler .....	116	79,950	32	16,350	2	10,670
Carroll .....	63	22,775	17	6,755	-----	-----
Champaign .....	98	59,310	28	8,900	1	1,700
Clarke .....	142	141,400	36	9,560	2	6,000
Clermont .....	58	23,545	24	4,090	1	2,500
Clinton .....	104	65,015	23	6,650	2	400
Columbiana .....	294	115,780	52	15,800	10	46,300
Coshocton .....	61	35,100	14	5,235	1	7,000
Crawford .....	518	79,460	200	11,670	3	750
Cuyahoga .....	1,507	778,298	93	24,215	6	18,000
Darke .....	182	82,375	87	25,580	3	6,600
Defiance .....	114	31,865	48	7,620	3	8,400
Delaware .....	133	66,565	40	12,620	-----	-----
Erie .....	166	55,428	24	2,994	2	4,000
Fairfield .....	153	99,500	16	7,500	2	3,450
Fayette .....	51	39,710	19	7,850	-----	-----
Franklin .....	310	340,350	50	32,790	3	21,000
Fulton .....	97	19,530	41	5,165	-----	-----
Gallia .....	52	22,835	20	3,385	-----	-----
Geauga .....	32	7,925	23	3,600	5	2,650
Greene .....	85	69,825	29	11,995	7	3,200
Guernsey .....	61	28,560	22	5,650	1	300
Hamilton .....	794	1,359,577	14	10,308	6	43,200
Hancock .....	100	39,780	52	13,510	3	2,050
Hardin .....	97	30,110	20	4,760	-----	-----
Harrison .....	72	35,540	26	6,340	1	4,000
Henry .....	45	9,460	27	4,270	2	3,100
Highland .....	50	25,587	7	3,325	-----	-----
Hocking .....	66	29,345	14	2,550	-----	-----
Holmes .....	24	5,400	17	4,100	1	1,000
Huron .....	169	75,820	39	8,690	16	13,500
Jackson .....	41	10,735	5	880	2	800
Jefferson .....	218	141,590	14	4,065	3	71,200
Knox .....	94	37,000	30	5,705	2	10,500
Lake .....	75	54,250	22	3,850	3	3,600
Lawrence .....	93	50,481	-----	-----	2	8,400
Licking .....	127	94,144	36	11,180	1	5,000
Logan .....	88	54,475	16	6,160	3	1,800
Lorain .....	140	82,058	45	6,460	5	6,650
Lucas .....	449	192,410	30	5,910	6	4,500
Madison .....	63	34,990	2	300	1	1,500
Mahoning .....	374	147,165	43	18,000	3	23,400
Marion .....	72	39,520	24	5,800	1	800
Medina .....	74	25,000	37	7,000	4	3,000
Meigs .....	79	28,180	24	3,125	7	2,685





Table showing New Structures erected

COUNTIES.	Dwellings, hotels, and depots.		Barns and stables.		Mills, machine- shops, factories, iron furnaces, etc.	
	No.	Amount.	No.	Amount.	No.	Amount.
Mercer .....	40	\$17,120	8	\$2,500	-----	-----
Miami .....	128	81,070	43	16,800	5	\$5,600
Monroe .....	52	16,060	17	4,635	2	1,300
Montgomery .....	407	263,445	148	30,985	2	12,000
Morgan .....	58	18,105	21	5,220	3	1,600
Morrow .....	71	33,825	37	7,995	2	2,800
Muskingum .....	212	125,634	15	6,550	3	24,000
Noble .....	53	15,707	13	2,400	1	2,500
Ottawa .....	91	36,095	26	8,045	4	4,600
Paulding .....	18	5,400	7	875	-----	-----
Perry .....	81	31,660	15	4,390	1	7,000
Pickaway .....	47	29,446	7	2,400	-----	-----
Pike .....	10	4,195	9	1,745	-----	-----
Portage .....	135	39,720	37	8,270	6	1,730
Preble .....	70	46,390	57	16,730	1	2,500
Putnam .....	46	12,525	37	6,830	5	2,500
Richland .....	106	134,525	99	24,590	4	9,800
Ross .....	82	60,875	7	1,650	2	3,900
Sandusky .....	183	63,960	57	9,030	9	8,350
Scioto .....	109	56,375	10	3,375	5	6,200
Seneca .....	152	68,420	47	9,560	-----	-----
Shelby .....	87	37,695	47	11,005	1	800
Stark .....	374	171,630	97	31,585	14	57,700
Summit .....	217	119,955	69	25,900	11	8,575
Trumbull .....	191	56,465	25	5,550	7	22,300
Tuscarawas .....	234	109,005	40	10,871	1	2,800
Union .....	21	18,100	15	6,400	-----	-----
Van Wert .....	120	53,320	20	2,775	2	9,300
Vinton .....	14	4,175	3	675	-----	-----
Warren .....	66	65,550	21	5,925	-----	-----
Washington .....	152	77,531	49	7,535	6	3,100
Wayne .....	232	88,080	89	21,715	5	6,300
Williams .....	105	24,790	72	11,295	3	2,750
Wood .....	134	29,775	75	12,170	5	4,600
Wyandot .....	72	33,400	29	6,780	-----	-----
Totals .....	12,601	\$7,229,420	3,128	\$767,568	258	\$596,750

in each county during the year ending May 1, 1872—Continued.

Stores, shops, warehouses and other places of business.		Churches.		Public halls.		Miscellaneous.		Totals.	
No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
19	\$8,285	1	\$1,000					49	\$20,620
7	2,950					3	\$1,000	195	111,755
7	36,260	6	200,000	1	\$50,000			81	25,945
6	2,025							571	592,690
								88	26,950
8	6,550							110	44,620
6	975							238	162,734
								73	21,582
6	1,950					4	475	121	48,940
								35	8,700
3	1,500					24	7,410	97	43,050
								81	40,750
15	12,000					8	8,500	19	5,940
2	6,700	4	40,000					201	70,220
3	1,100	3	18,000					134	112,320
13	2,600	2	140,000	1	10,000	40	6,000	94	40,955
3	7,300			1	1,530	3	800	265	327,515
4	6,500							98	76,055
16	33,650	3	3,500			5	20,000	253	87,840
12	12,300							148	128,100
1	3,500					4	3,500	211	90,280
14	14,575					12	1,150	140	56,500
25	44,825	1	25,000			13	5,075	511	276,640
5	3,150			1	2,000	1	200	336	229,330
14	8,505	2	27,000	1	21,000	2	1,100	233	89,665
2	3,000							294	180,281
								38	27,500
2	650	1	800					142	45,395
4	8,100							20	6,300
5	1,950					12	3,170	103	82,745
14	15,225	4	32,000			1	12,000	212	90,116
10	3,150							345	175,320
8	3,300	5	12,000					190	41,985
2	600							227	61,845
								103	40,780
686	\$960,939	73	\$855,100	9	\$97,180	239	\$149,860	16,994	\$10,656,817

## RAILROADS.

There is no law requiring railroad statistics to be collected in this office. The appended items on railroads in Ohio are obtained through the kindness of Gen. Wolcott, the State Commissioner of Railroads, and the State Board of Equalization of Railroad Property. The reports of railroad companies having track in Ohio are made to the Commissioner for the year ending with June 30th. By these returns there were 270 miles of track laid in Ohio during the year ending with June 30th, 1872. Since that date to December 15th, 1872, there were 322 miles of track laid, and nearly 400 miles of road bed were in advanced stages of readiness for the ties and rail. From the 30th of June to December 15th, 1872, the following new roads laid track as indicated : \*

Name of Road.	Miles of track.
Ashtabula, Youngstown & Pittsburgh .....	57
Cleveland, Mt. Vernon & Delaware .....	23
Lake Erie & Louisville .....	46
Lake Shore & Tuscarawas Valley .....	63
Marietta & Pittsburgh .....	45
Mahoning Coal Road .....	40
Mansfield, Coldwater & Lake Michigan .....	48
Total .....	322

The following table, consolidated in this office from the advance sheets of the Railroad Commissioner's report for 1872, gives in the aggregate, and in condensed form, the capital stock, debt, earnings, passenger and freight traffic, dividends, accidents, etc., of all roads operated in this State :

Year ending June 30, 1872.	Entire lines.	Lines in Ohio.
Capital stock paid in .....	\$219,161,127 55	\$122,721,526 87
Funded debt .....	\$217,171,755 12	\$120,222,072 00
Floating debt .....	\$10,738,179 72	\$5,945,700 98
Length of line and branches as proposed .....	7,408 miles.	Rail, 3,787 miles.
Cost of road and equipments .....	\$338,113,494 48	\$206,352,805 71
Gross earnings .....	\$65,603,078 12	\$34,257,799 67
Operating expenses .....	\$45,034,708 21	\$23,502,739 38
Net earnings .....	\$20,568,369 91	\$10,755,060 29
Number passengers carried .....	12,068,832	.....
Tons freight carried .....	20,983,065	.....
Interest paid on bonds .....	\$9,726,359 06	.....
Dividends paid .....	\$7,554,032 09	.....
Number persons killed .....	.....	192
Number persons injured .....	.....	358
Number animals killed .....	.....	1,926
Amount paid for same .....	.....	\$45,573 46
Number employes .....	.....	25,393
Per cent. increase gross earnings for year .....	.....	12.74
Average cost per cent. of operating .....	.....	63.32
Per cent. increase net earnings for year .....	.....	11.93
Increase of rail laid in Ohio, including siding .....	.....	375 miles.

\* Furnished this office by C. T. Flowers, Railroad Commissioner's office.

In Ohio (see page 5 of this report) sixty-two new railroad companies were organized in 1872, with a capital stock of over sixty-nine million dollars.

The following table exhibits the valuation of property of the forty-one railroad companies in Ohio, as fixed by the local boards for the year 1872, with the additions and deductions made by the State Board of Equalization for such property. The State Board consists of the Auditor of State, Treasurer of State and Attorney General :

Names of Railroad Companies.	Total value as returned by the local Boards.	Additions by the State Board of Equaliza- tion.	Deductions by the State Board of Equaliza- tion.	Total value as fixed by the State Board of Equaliza- tion.
Atlantic & Great Western .....	\$3,388,564	.....	\$338,856	\$3,049,708
Baltimore & Ohio—Washington Co. ....	12,931	.....	.....	12,931
Cincinnati, Hamilton & Richmond .....	191,750	.....	.....	191,750
Cleveland, C., C. & Indianapolis .....	6,602,570	.....	.....	6,602,570
C., C., C & I.—Springfield Branch .....	628,374	.....	.....	628,374
Cincinnati, Sandusky & Cleveland .....	1,030,852	.....	.....	1,030,852
Cleveland & Mahoning .....	1,680,478	.....	.....	1,680,478
Cleveland & Pittsburgh .....	4,930,388	.....	.....	4,930,388
Cleveland, Mt. Vernon & Delaware .....	657,814	.....	.....	657,814
Columbus & Hocking Valley .....	721,460	\$108,219	.....	829,679
Carrollton & Oueida .....	4,000	.....	.....	4,000
Cincinnati & Indiana .....	642,239	64,223	.....	706,462
Central Ohio Div.—B. & O. R. R. ....	1,671,846	.....	.....	1,671,846
Cincinnati & Springfield .....	303,904	.....	30,390	273,514
Cincinnati & Indianapolis Junction .....	109,444	.....	.....	109,444
Cincinnati, Hamilton & Dayton .....	3,407,322	.....	.....	3,407,322
Dayton & Michigan .....	1,812,385	.....	.....	1,812,385
Dayton & Union .....	90,512	.....	.....	90,512
Hayden, P.—Switch, Hocking Co. ....	20,000	.....	.....	20,000
Harrison Branch—Whitewater Valley ..	59,092	5,909	.....	65,001
Iron Railroad .....	104,375	.....	.....	104,375
Lake Erie & Louisville .....	85,446	.....	.....	85,446
Lake Shore & Michigan Southern .....	13,128,482	.....	.....	13,128,482
Lake Shore & Tuscarawas Valley .....	247,502	.....	.....	247,502
Little Miami Division—P., C. & St. Louis.	3,711,912	.....	.....	3,711,912
Lawrence Branch .....	86,067	.....	.....	86,067
Manskingum Valley .....	1,053,610	105,361	.....	1,158,971
Marietta & Pittsburgh .....	113,907	.....	.....	113,907
Marietta & Cincinnati .....	2,750,000	.....	.....	2,750,000
Newark, Somerset & Straitsville .....	101,325	.....	.....	101,325
Niles & New Lisbon .....	215,778	.....	.....	215,778
Ohio & Mississippi .....	564,827	56,482	.....	621,309
Painesville & Youngstown .....	31,500	.....	.....	31,500
Pittsburgh, Ft. Wayne & Chicago .....	11,873,646	.....	.....	11,873,646
Pitts., Cin. & St. Louis—St. L. Div. ....	1,909,170	57,275	.....	1,966,445
“ “ Pan Handle Div. ....	2,555,937	76,678	.....	2,632,615
Rocky River .....	31,500	.....	.....	31,500
Spring, & Columbus Branch of C. S. & C. ....	135,000	.....	.....	135,000
Sandusky, Mansfield & Newark .....	799,827	.....	.....	799,827
Salineville Branch .....	15,000	.....	.....	15,000
Toledo, Wabash & Western .....	691,819	34,590	.....	726,409
Totals .....	\$68,172,555	\$508,737	\$369,246	\$68,312,046



It will be observed that while the capital stock paid in of railroad companies in Ohio, as returned to the State Commissioner of Railroads, is \$122,721,526.87, and the cost of roads and equipments is \$206,352,805, their estimated value is but \$68,312,046.

The following table exhibits the number of miles of railroads in operation each year, in the United States, with the yearly increase, from 1827, when the first three miles of road were built, to 1873, when we have over 61,000 miles :

Year.	Miles open.	Yearly Increase.	Year.	Miles open.	Yearly Increase.
1827.....	3	.....	1850.....	7,475	1,125
1828.....	3	.....	1851.....	8,589	1,114
1829.....	23	25	1852.....	11,027	2,438
1830.....	41	13	1853.....	13,497	2,470
1831.....	54	13	1854.....	15,672	2,175
1832.....	131	77	1855.....	17,398	1,726
1833.....	576	445	1856.....	19,251	1,853
1834.....	762	186	1857.....	22,625	3,374
1835.....	918	156	1858.....	25,090	2,465
1836.....	1,102	184	1859.....	26,755	1,665
1837.....	1,431	329	1860.....	28,771	2,016
1838.....	1,843	412	1861.....	30,593	1,822
1839.....	2,220	477	1862.....	31,769	1,176
1840.....	2,797	577	1863.....	32,471	702
1841.....	3,319	522	1864.....	33,860	1,389
1842.....	3,877	558	1865.....	34,442	582
1843.....	4,174	297	1866.....	35,351	909
1844.....	4,311	137	1867.....	36,896	1,545
1845.....	4,522	211	1868.....	38,822	1,926
1846.....	4,870	348	1869.....	42,272	3,454
1847.....	5,336	466	1870.....	48,860	6,588
1848.....	5,682	346	1871.....	54,435	5,570
1849.....	6,350	668	1872.....	61,913	7,478

It will be observed that we have built nearly as many miles of railroad this year as during the first twenty-three years of our railroad construction.

#### RAILROAD CONSTRUCTION IN 1872.

The following table gives the result of railroad construction in the United States and Canada for 1872. It is copied from the Chicago Rail-way Review for January 2d, 1873:

In the table following we give the results of construction in thirty-five States and Territories, and the Canadian provinces. Progress was made on 353 roads; 7,925 miles of road were fully completed, and on 6,742 the preparation for the track was in advanced progress; in fine, work was done on 14,667 miles of road. The aggregate for each State are herewith given :



States.	Number of roads.	Miles completed.	Miles under construction.
Alabama .....	6	227	72
Arkansas .....	6	172	144
California .....	5	260	300
Canada .....	9	447	223
Colorado .....	3	104	213
Connecticut .....	3	53	-----
Dakotah .....	2	49	16
Florida .....	1	8 $\frac{1}{2}$	-----
Georgia .....	3	40	98
Illinois .....	28	837 $\frac{3}{4}$	564
Indiana .....	11	290	104
Iowa .....	21	585	328
Kansas .....	9	511	262
Kentucky .....	7	13	350
Louisiana .....	1	-----	106
Maine .....	3	42	-----
Massachusetts .....	9	72	93
Maryland .....	11	288	130
Michigan .....	19	300	325
Minnesota .....	7	712	230
Mississippi .....	8	3	170
Missouri .....	18	332	252
Nebraska .....	5	218	15
New Hampshire .....	8	90	72 $\frac{1}{2}$
New Jersey .....	6	69 $\frac{1}{2}$	10
New York .....	32	741 $\frac{1}{2}$	597
North Carolina .....	3	252	14
Ohio .....	20	391 $\frac{1}{2}$	363
Oregon .....	2	86	50
Pennsylvania .....	39	347 $\frac{1}{2}$	334 $\frac{1}{2}$
Tennessee .....	7	50	296
Texas .....	8	369	268
Utah .....	5	73	50
Vermont .....	4	32	88
Virginia .....	9	195	226
Wisconsin .....	15	555	242
Total .....	353	7,925	6,742

## RAILROADS IN THE WORLD.

According to Dr. Sturmer's "History of Railroads," lately published, the total length of railroads open for traffic at the end of 1871 was 233,988 kilometres, or, reckoning the kilometre at  $\frac{5}{8}$  English mile, 146,243 English miles—a length which would go round the equator nearly six times. Of this total, 111,909 kilometres (69,943 miles) belong to Europe; 109,961 kilometres (68,716 miles) to America\*; 8,533 kilometres (5,333 miles) to Asia; 1,812 kilometres (1,133 miles) to Australia; and 1,733 kilometres (1,083 miles) to Africa. In Europe the length of railroad is divided as follows: Great Britain possesses the greatest number of miles, 15,427; next comes the German Empire, with 13,113 miles. The other European countries follow in this order: France, 11,041 miles; Russia, 8,719; Austria, 7,437; Italy, 3,986; Spain and Portugal, 3,818; Belgium,

\* Including Central and South America.

1,901; Sweden and Norway, 1,411; Holland, 1,010; Switzerland, 920; Turkey and Greece, 664; and Denmark, 548 miles.

### CINCINNATI INDUSTRIAL EXPOSITION.

This institution, which has been conducted for the past three years under the supervision of Major A. T. Goshorn, is worthy of mention as being intimately connected with the industrial interests of the State.

The wonderful improvements and adaptations of machinery, the progress of the diversified industries of the country, and the desire of the people for a practical knowledge of these interests, suggested and sustained the great Expositions of 1870, 1871 and 1872. The primary object of this enterprise, which has been marked by such distinguished success, is to encourage the mechanic arts and every branch of industry, of whatever character, and to place them in friendly competition before the public, thus bringing to notice many new and useful inventions and products that otherwise might remain unknown.

These exhibitions have been of a most attractive and comprehensive character, presenting not only the progress of the mechanic arts and the development of the soil and minerals of this State, but of the entire country. Realizing how much the proper encouragement of skilled labor and the promotion of a cultivated taste adds to the growth of a country, it is of the first importance that such exhibitions, with enlarged opportunities and facilities for the display of industrial products, should be stimulated and supported by the sympathy and good will of the State.

The management of the Cincinnati Exposition is commissioned by three corporate bodies of that city—the Board of Trade, the Chamber of Commerce and the Ohio Mechanic's Institute—representing the mechanic, the manufacturer and the producer; the laborer, the merchant and consumer.

Large and commodious buildings have been erected in the central part of the city, affording for the Exposition of 1872 more than seven acres of exhibiting space, the largest ever erected in this country for such a purpose. This immense space was crowded with the finest productions of art, and ingenious and practical machinery in motion, and with an infinite variety of products, useful and ornamental, exhibited by more than two thousand exhibitors. During twenty eight days, five hundred and forty-two thousand people from all parts of the country visited the Exposition.

Institutions of this character have a high value as a school for the masses. They furnish a practical demonstration of the proficiency attained in controlling natural forces to the use and benefit of man, and in the application of the same to the development of the resources of the country; and encourage a noble emulation, that will add a new activity to every branch of industry.

# THE NINTH CENSUS

## OF THE

# UNITED STATES.

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The completed census of 1870 will be a reasonably accurate and satisfactory exhibit of the population, institutions and wealth of the country. Gen. F. A. Walker, Superintendent of the Census, is entitled to great credit for his intelligent comprehension of the requirements of his position, and for the admirable manner in which he has handled and presented the enormous mass of rubbish thrown upon his hands.

The completed census is to be issued in three volumes, all promised in January, 1873. Through the courtesy of Hon. E. D. Peck, M. C., I received Vol. I in time to prepare much valuable material for this report.

Vol. I is devoted to population statistics, embracing the tables of race, nationality, sex, selected ages and occupations; to which are added the statistics of school attendance and illiteracy; of schools, libraries, newspapers, churches, pauperism and crime, and of families and dwellings. This volume contains seven lithographed maps, illustrating the density of total population; the distribution severally of the colored and the foreign elements of population; the dispersion over the States of the natives of certain specified foreign countries, viz: Germany, Ireland, Sweden and Norway, England and Wales, China and British America; the illiteracy and the wealth of each section in contrast; and, finally, the geographical and political divisions of the United States at each period of its existence, from the organization of the Government to the latest census year. Through the courtesy of the Census Bureau, I was permitted to use these maps in my report, and had contracted with a lithographer to print the more important, but owing to the lack of funds to legally apply to such use, I have been unable to secure only the one on "Wealth."

Vol. II will contain statistics of mortality, births, ages, &c., with the number of deaf, dumb, blind and idiotic. Vol. III will be devoted to industry and wealth.

Vol. I is a quarto, containing 804 pages of matter, mostly tables. From this document I have obtained all the information given under the head of

#### CONSTITUTIONAL POPULATION.

The constitutional population of the United States (excluding, that is "Indians not taxed" and the inhabitants of the Territories) upon the 1st of June, 1870, as finally determined by the complete census, was 38,115,641. The positive increase during the decade had been 6,931,897, a gain of 22.22 per cent.

The thirty-four States which were in the Union in 1860, were found to have been affected by the changes of ten years, as follows:

Alabama had increased from 964,201 to 996,992, a gain of 3.40 per cent.: its rank among the States being 16 instead of 13, as in 1860.

Arkansas, from 435,450 to 484,471, a gain of 11.26 per cent.: rank, 26 instead of 25.

California, from 379,994 to 560,247, a gain of 47.44 per cent.: rank, 24 instead of 26.

Connecticut, from 460,147 to 537,454, a gain of 16.80 per cent.: rank, 25 instead of 24.

Delaware, from 112,216 to 125,015, a gain of 11.41 per cent.: rank, 34 instead of 32.

Florida, from 140,424 to 187,748, a gain of 33.70 per cent.: rank, 33 instead of 31.

Georgia, from 1,057,286 to 1,184,109, a gain of 12.00 per cent.: rank, 12 instead of 11.

Illinois, from 1,711,951 to 2,539,891, a gain of 48.36 per cent.: rank, 4, as in 1860.

Indiana, from 1,350,428 to 1,680,637, a gain of 24.45 per cent.: rank, 6, as in 1860.

Iowa, from 674,913 to 1,194,020, a gain of 76.91 per cent.: rank, 11 instead of 20.

Kansas, from 107,206 to 364,399, a gain of 239.90 per cent.: rank, 29 instead of 33.

Kentucky, from 1,155,684 to 1,321,011, a gain of 14.30 per cent.: rank, 8 instead of 9.

Louisiana, from 708,002 to 726,915, a gain of 2.67 per cent.: rank, 21 instead of 17.

Maine had decreased from 628,279 to 626,915, a loss of 0.22 per cent.: rank, 23 instead of 22.

Maryland had increased from 687,049 to 780,894, a gain of 13.66 per cent.: rank, 20 instead of 19.

Massachusetts, from 1,231,066 to 1,457,351, a gain of 18.38 per cent.: rank, 7 as in 1860.

Michigan, from 749,113 to 1,184,059, a gain of 58.06 per cent.: rank, 13 instead of 16.

Minnesota, from 172,023 to 439,706, a gain of 155.61 per cent.: rank, 28 instead of 30.

Mississippi, from 791,305 to 827,922, a gain of 4.63 per cent.: rank, 18 instead of 14.

Missouri, from 1,182,012 to 1,721,295, a gain of 45.62 per cent.: rank, 5 instead of 8.

New Hampshire had decreased from 326,073 to 318,300, a loss of 2.38 per cent.: rank, 31 instead of 27.

New Jersey had increased from 672,035 to 906,096, a gain of 34.83 per cent.: rank, 17 instead of 21.

New York, from 3,880,735 to 4,382,759, a gain of 12.94 per cent.: rank, 1, as in 1860.

North Carolina, from 992,622 to 1,071,361, a gain of 7.93 per cent.: rank, 14 instead of 12.

Ohio, from 2,339,511 to 2,665,260 a gain of 13.92 per cent.: rank, 3 as in 1860.

Oregon, from 52,465 to 90,923, a gain of 73.20 per cent.: rank, 36 instead of 34.

Pennsylvania, from 2,906,215 to 3,521,951, a gain of 21.19 per cent.: rank, 2 as in 1860.

Rhode Island, from 174,620 to 217,353, a gain of 24.47 per cent.: rank, 32 instead of 29.

South Carolina, from 703,708 to 705,606, a gain of 0.27 per cent.: rank, 22 instead of 18.

Tennessee, from 1,109,801 to 1,258,520, a gain of 13.40 per cent.: rank, 9 instead of 10.

Texas, from 604,215 to 818,579, a gain of 35.48 per cent.: rank, 19 instead of 23.

Vermont, from 315,098 to 330,551, a gain of 4.90 per cent.: rank, 30 instead of 28.

Virginia had decreased from 1,596,318 to 1,225,163, a loss of 23.25 per cent.: rank, 10 instead of 5.

Wisconsin had increased from 775,881 to 1,054,670, a gain of 35.93 per cent.: rank, 15 as in 1860.

The loss of constitutional population in Virginia was due to the erection of fifty counties into the State of West Virginia, comprising a constitutional population of 442,014 as determined by the Ninth Census. Adding



this to the population of the present State of Virginia, we have a total of 1,667,177, a gain of 4.44 per cent., upon the return of Virginia in 1860.

The State of Nebraska, admitted into the Union in 1864, was found to have a constitutional population, on the 1st of June, 1870, of 122,993.

The State of Nevada, likewise admitted in 1864, was found to have a constitutional population of 42,491.

*White Population.*—The aggregate white population in 1870, was 33,203,123; an increase of 6,512,348 during the decade, or 24.39 per cent.

*Colored Population.*—The aggregate colored population in 1870, was 4,835,106, a gain during the decade of 407,812, or 9.21 per cent.

*Chinese.*—Twenty-three States were found to contain Chinese and Japanese—the whole number in the United States being 63,254.

*Indians.*—Indians were found in thirty-six States in the Union; the total in the States being 111,185; total in the territories, 272,527; total in the United States including Alaska, 383,712.

#### RETARDATION OF THE NATIONAL INCREASE.

It was expected that the National Census of 1870 would give us upwards of forty millions population. General Walker states that our expectation, according to ascertained rates of increase, was not far from forty-one and a half millions. But for the war, we doubtless would have exceeded forty millions. The losses of the Union army by the war are fixed by the Surgeon General's office at something over 304,000. This, however, includes only those who died during their term of service. There were discharged 285,000 on account of disease and wounds. The Superintendent of the Census estimates the entire loss of the Union army, including those who died immediately after the war from diseases contracted in the service, at 500,000. The losses of the South are estimated at 350,000; making a total loss of adult male population 850,000. This represents only the death-check to population. The withdrawal of a million and a half of men from domestic life for four years, the check given to immigration by civil war, doubtless reduced the aggregate for 1870 over one million. It is estimated that the check given to immigration amounted in the four years to 353,000. The Superintendent of the Census assigns the following as another cause:

"The notorious growth of habits of life in many sections of the country, which tend strongly to reduce the rate of national increase, and which, if persisted in, will make the showing of another census hardly so satisfactory as the present, even without a devastating war. \* \* \* No one can be familiar with life in the Eastern and Middle States generally, and in the Western cities, and not be aware that children are not born to American parents as they were in the early days of the country. Luxury, fashion, and the vice of 'boarding,' combine to limit the increase of families to a degree that, in some sections, threatens the perpetuation of our native stock."



The following table, prepared by E. B. Elliot, Chief Clerk in the Bureau of Statistics, Washington, represents the true projection of population, according to the line of ascent, from 1830 to 1860. The population given for 1870 (41,609,000) would doubtless have been fully realized but for the "check" of the war :

Decades .....	1830.	1840.	1850.	1860.	1870.
Population .....	12,866,000	17,069,453	23,191,876	*31,399,300	41,609,000
First differences ...	.....	4,203,453	6,122,423	8,207,424	10,209,700
Second differences .	.....	.....	1,918,990	2,085,001	2,002,000

NATIVITY OF OUR POPULATION.

The native-born population of the United States, exclusive of Indians and Alaska, is 32,991,142 ; the foreign-born, 5,567,229 ; 10,892,015 had one or both parents foreign ; 10,521,233 had foreign father, and 10,105,627 had foreign mother.

The following table exhibits the birth place, by States, of the entire native population of the United States, as ascertained by the census of 1870. It will be seen that Ohio contributed 2,649,295 of that population :

State.	Population	State.	Population
Alabama.....	973,700	Ohio.....	2,649,295
Arkansas.....	287,932	Oregon .....	43,380
California.....	181,835	Pennsylvania.....	3,401,356
Connecticut.....	487,130	Rhode Island.....	170,640
Delaware.....	133,419	South Carolina.....	924,744
Florida.....	124,148	Tennessee.....	1,431,349
Georgia.....	1,308,104	Texas.....	414,100
Illinois.....	1,479,410	Vermont.....	420,978
Indiana.....	1,369,411	Virginia and West Virginia.....	2,129,213
Iowa.....	517,631	Wisconsin.....	547,234
Kansas.....	74,090	Alaska.....	51
Kentucky.....	1,484,207	Arizona.....	1,640
Louisiana.....	564,997	Colorado.....	7,549
Maine.....	699,834	Dakota.....	2,458
Maryland.....	805,548	District of Columbia.....	67,547
Massachusetts.....	1,146,177	Idaho.....	1,497
Michigan.....	572,908	Indian Territory.....	2,263
Minnesota.....	139,031	Montana.....	2,097
Mississippi.....	702,684	New Mexico.....	92,286
Missouri.....	1,045,268	Utah.....	45,100
Nebraska.....	33,234	Washington.....	6,974
Nevada.....	4,888	Wyoming.....	535
New Hampshire.....	307,346	At sea under U. S. flag.....	169
New Jersey.....	724,075	Not stated.....	12,262
New York.....	4,061,348		
North Carolina.....	1,236,040	Total.....	32,991,142

\* Excluding Indians, as previously.

Of the foreign born population of the United States, 1,690,533 were born in Germany; 1,855,827 in Ireland; 550,924 in England; 140,835 in Scotland; 74,533 in Wales; 116,402 in France; 70,797 in Austria and Bohemia; 493,464 in British America (including Canada); 17,157 in Italy; 75,153 in Switzerland; 97,333 in Sweden; 114,246 in Norway; 30,107 in Denmark; 59,355 in Holland and Belgium; 4,644 in Russia; 3,737 in Hungary; 390 in Greece; 14,436 in Poland; 4,542 in Portugal; 3,764 in Spain; 302 in Turkey; 42,435 in Mexico; 63,042 in China; 73 in Japan; 11,570 in the West Indies; 3,565 in South America; 501 in Central America; 584 in the Sandwich Islands; 326 in the Pacific Islands; 55 in Malta; 77 in Gibraltar; 4,122 in Great Britain (not specified); 5,802 in Luxemburg; 586 in India; 3 in Greenland; 1,546 in Europe (not specified); 3,118 in Australasia; 4,431 in Atlantic Islands; 864 in Asia; 2,657 in Africa; 954 not stated, and 2,638 born at sea.\*

#### DENSITY OF POPULATION.

The average density of population in Ohio, by the census of 1870, is  $66\frac{2}{3}$  inhabitants to the square mile. The average density for all the States and Territories, including Alaska, and excluding Indians not taxed, is  $10\frac{2}{3}$ . The average density for the States is  $19\frac{1}{8}$ ; average for Territories, including Alaska and District of Columbia, is  $\frac{1}{8}$ . The highest density in the States occurs in Massachusetts, being 186 5-6 to the square mile; the lowest in Nevada, being  $\frac{2}{3}$ . The highest density for the Territories is in the District of Columbia (60 square miles), being 2,195; the lowest is Arizona, being 1-13 to the square mile. The total area in square miles of the States is 1,992,476; total of the Territories, including Alaska, is 1,619,213; grand total, 3,611,689. The following table gives the average density of population by States of all the States in the Union, with the area in square miles; when organized, and by whom first settled:

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\* This does not include 169 born at sea under the American flag.

*Table showing the Square Miles and Density of Population of all the States.*

States.	FIRST SETTLED.		Organized.	Admitted.	Area in square miles.	Population to square mile.
	By whom.	When.				
Alabama .....	French .....	1713	1817	1819	50,722	19 $\frac{3}{8}$
Arkansas .....	" .....	1670	1819	1836	52,198	9 $\frac{1}{4}$
California .....	Spaniards .....	1769	....	1850	188,981	3 1-13
Connecticut .....	English .....	1633	....	....	4,750	113 1-7
Delaware .....	Swedes .....	1627	....	....	2,120	59
Florida .....	Spaniards .....	1564	1822	1845	59,268	3 1-6
Georgia .....	English .....	1733	....	....	58,000	20 $\frac{1}{2}$
Illinois .....	French .....	1749	1809	1818	55,410	45 6-7
Indiana .....	" .....	1730	1800	1816	33,809	49 $\frac{3}{4}$
Iowa .....	Americans .....	1835	1838	1845	55,045	21 1-10
Kansas .....	" .....	1850	1854	1861	81,318	4 $\frac{1}{2}$
Kentucky .....	Virginians .....	1775	....	1791	37,680	35 1-17
Louisiana .....	French .....	1699	1805	1812	41,346	17 4-7
Maine .....	English .....	1630	....	1820	35,000	18
Maryland .....	" .....	1634	....	....	11,124	70 1-5
Massachusetts .....	" .....	1620	....	....	7,800	186 5-6
Michigan .....	French .....	1670	1805	1837	56,451	21
Minnesota .....	Americans .....	1847	1849	1857	83,531	5 $\frac{1}{2}$
Mississippi .....	French .....	1716	1798	1817	47,156	17 4-7
Missouri .....	" .....	1763	1812	1821	65,350	26 $\frac{1}{2}$
Nebraska .....	Americans .....	1850	1854	1867	75,995	1 3-5
Nevada .....	" .....	1860	1861	1864	112,090	$\frac{3}{8}$
New Hampshire .....	English .....	1623	....	....	9,200	34 2-7
New Jersey .....	Swedes .....	1627	....	....	8,320	108 $\frac{1}{4}$
New York .....	Dutch .....	1613	....	....	47,000	93 $\frac{1}{2}$
North Carolina .....	English .....	1650	....	....	50,704	21 1-7
Ohio .....	Va. and N. Eng....	1788	1787	1802	39,964	66 $\frac{3}{8}$
Oregon .....	English .....	1796	1848	1859	95,274	1
Pennsylvania .....	" .....	1682	....	....	46,000	76 5-9
Rhode Island .....	" .....	1631	....	....	1,706	166 $\frac{1}{2}$
South Carolina .....	" .....	1689	....	....	34,000	20 5-7
Tennessee .....	N. C. and Va. ....	1765	....	1796	45,600	27 3-5
Texas .....	Spaniards .....	1690	....	1845	274,356	3
Vermont .....	English .....	1763	....	1791	10,212	32 $\frac{1}{2}$
Virginia .....	" .....	1607	....	....	38,292	32
West Virginia .....	Americans .....	....	....	1862	23,000	19 1-5
Wisconsin .....	" .....	1831	1836	1847	53,924	19 3-5
Total States.....	.....	.....	.....	.....	1,992,476	*19 $\frac{1}{2}$

\* Average population to square miles for all the States.

#### AVERAGE DENSITY IN FOREIGN COUNTRIES.

The average density of population in France is 131 $\frac{1}{2}$  to the square mile; Belgium stands first of any European State in density of population, being upwards of 445 to the square mile, population 5,021,336; square miles 11,267. Ohio, with the present density of population in Belgium, would contain 17,733,980 inhabitants; and the United States, exclusive

of Alaska, would contain a population of nearly thirteen hundred and thirty-six million.

The Calcutta correspondent of the Pall Mall Gazette, in analyzing the figures of the recent census of the lower provinces of India, states some astonishing facts as to the density of the population there. The total population subject to the jurisdiction of the Lieutenant-Governor of Bengal is 66,500,000, distributed over an area of 244,000 square miles, which gives the high average of 272 to the square mile; but the average in the "regulation provinces" of Bengal, Behar and Orissa, discarding the outlying provinces of Assam, Chota, Nagpore and wilder tracts, is much higher. In these regulation provinces, with a total area of 120,000 square miles, the population is 58,000,000, giving an average density of 480 to the square mile—a density exceeding that of the population of Belgium, and extending over a tract of country more than ten times as extensive as that kingdom. The correspondent goes on to state: "In the districts more immediately around Calcutta, and in the more densely peopled parts of Behar, the ground is still more thickly occupied. Indeed, in the district of Hooghley, after years of epidemic fever, the density is represented by the almost incredible figure of 1,000 to the square mile. I should have suspected some error in the areas, but every district of Bengal has now been surveyed and marked with an accuracy which precludes any mistake on this point." The singularity of the density of population is all the greater, because it is the density of an agricultural and not of a manufacturing population.

#### TRUE POPULATION.

Following will be found a table representing the *true* population of the United States, including Alaska, and Indians not taxed, in and out of tribal relations. This table exhibits the entire population by States and Territories, with the white, colored, Chinese and Indians. Gen. Walker, Superintendent of the Census, in presenting this table, says:

"In this table several elements omitted from the enumeration are made to appear. It presents the ultimate facts of the population of the United States, so far as it is possible to reach them by all the agencies directly or indirectly at the command of the authorities of the Census."

As there was no provision of law for the census of Alaska, the enumeration there has been taken by the officers of the United States army on duty in that military department. It will be observed that Alaska contains 461 whites and 70,000 Indians.\* This table of true population gives a population of 33,925,598 for all the States and Territories.

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\* If these Indians are not taxed, the support of a local government there would be a very stunning investment for the 461 whites.

## ILLITERACY.

Following the table of true population will be found a table giving the aggregate, (excluding Alaska and Indians not taxed,) by States, of the white and colored population, and the number of illiterates in each State.

## FROM 1790 TO 1870.

Following the table of illiteracy will be found a table exhibiting the growth of the United States in population by States, from 1790 to 1870. This table has been carefully compared with the completed census. In the aggregate "Indians not taxed" are not included, except for Alaska.



## TRUE POPULATION OF THE UNITED STATES.

*Table exhibiting the aggregate population of the United States, by States, with the number of white, colored, Chinese, and Indians on the 1st of June, 1870.*

States.	Aggregate.	White.	Colored.	Chinese.	INDIANS.			
					Total.	Out of tribal relations.	Total sustaining tribal relations.	Total on reservations and at agencies.
Total for States and Territories .....	38,925,598	33,592,245	4,886,387	63,254	383,712	25,731	357,981	96,366
Total for States .....	33,205,598	33,203,128	1,835,106	56,179	111,185	21,228	89,957	33,642
Alabama .....	996,992	521,384	475,510	.....	98	98	.....	.....
Arkansas .....	484,471	362,115	122,169	98	89	89	.....	.....
California .....	582,031	499,124	4,272	49,310	29,025	7,241	21,784	5,784
Connecticut .....	537,454	527,549	9,668	2	235	235	.....	.....
Delaware .....	125,015	102,221	22,794	.....	.....	.....	.....	.....
Florida .....	188,248	96,057	91,689	.....	502	2	500	.....
Georgia .....	1,184,109	638,926	545,142	1	40	40	.....	.....
Illinois .....	2,539,891	2,511,096	28,762	1	32	32	.....	.....
Indiana .....	1,680,637	1,655,837	24,560	.....	240	240	.....	.....
Iowa .....	1,194,320	1,188,207	5,762	3	348	48	300	.....
Kansas .....	373,299	346,377	17,108	.....	9,814	914	8,900	5,900
Kentucky .....	1,321,011	1,098,692	222,210	1	108	108	.....	.....
Louisiana .....	726,915	362,065	364,210	71	569	569	.....	.....
Maine .....	626,915	624,809	1,606	1	499	499	.....	.....
Maryland .....	750,894	605,497	175,391	2	4	4	.....	.....
Massachusetts .....	1,457,351	1,443,156	13,947	97	151	151	.....	.....
Michigan .....	1,187,234	1,167,282	11,849	2	8,101	4,926	3,175	.....
Minnesota .....	446,056	433,257	759	.....	7,040	69	6,350	.....
Mississippi .....	827,922	382,896	444,201	16	809	809	.....	.....
Missouri .....	1,724,295	1,603,146	118,071	2	75	75	.....	.....
Nebraska .....	129,322	122,117	789	.....	6,416	87	6,329	6,329
Nevada .....	58,711	33,959	357	3,152	16,243	23	16,220	.....
New Hampshire .....	318,300	317,697	580	.....	23	23	.....	.....
New Jersey .....	906,096	875,407	30,658	15	16	16	.....	.....
New York .....	4,387,464	4,330,210	52,081	29	5,144	439	4,705	4,705
North Carolina .....	1,071,361	678,470	391,650	.....	1,241	1,241	.....	.....
Ohio .....	2,665,260	2,601,946	63,213	1	100	100	.....	.....
Oregon .....	101,883	86,929	346	3,330	11,278	318	10,960	6,110
Pennsylvania .....	3,522,050	3,456,609	65,294	14	133	34	99	99
Rhode Island .....	217,353	212,219	4,980	.....	154	154	.....	.....
South Carolina .....	705,606	289,667	415,814	1	124	124	.....	.....
Tennessee .....	1,258,520	936,119	322,331	.....	70	70	.....	.....
Texas .....	818,599	564,700	253,475	25	699	379	320	.....
Vermont .....	330,551	329,613	924	.....	14	14	.....	.....
Virginia .....	1,225,163	712,089	512,541	4	229	229	.....	.....
West Virginia .....	442,014	424,033	17,980	.....	1	1	.....	.....
Wisconsin .....	1,064,985	1,051,351	2,113	.....	11,521	1,206	10,315	4,715



*Table exhibiting the aggregate population of the United States, &c.—Contin'd.*

Territories.	Aggregate.	White.	Colored.	Chinese.	INDIANS.			
					Total.	Out of tribal relations.	Total sustaining tribal relations.	Total on reservations and at agencies.
Territories total....	720,000	339,117	51,281	7,075	272,527	4,503	268,024	62,724
Alaska .....	70,461	461	.....	.....	70,000	.....	70,000	.....
Arizona .....	41,710	9,581	26	20	32,083	31	32,052	4,352
Colorado .....	47,164	39,221	456	7	7,480	180	7,300	.....
Dakota .....	40,501	12,887	94	.....	27,520	1,200	26,320	.....
District of Columbia...	131,700	88,278	43,404	3	15	15	.....	.....
Idaho .....	20,583	10,618	60	4,274	5,631	47	5,584	3,284
Indian Territory.....	68,152	2,407	6,378	.....	59,367	.....	59,367	19,067
Montana .....	39,895	18,300	183	1,949	19,457	157	19,300	.....
New Mexico .....	111,303	90,393	172	.....	20,738	1,309	19,429	14,349
Utah .....	99,581	86,044	118	445	12,974	179	12,795	8,195
Washington .....	37,432	22,195	207	234	14,790	1,319	13,477	13,477
Wyoming .....	11,518	8,726	183	143	2,460	66	2,400	.....

Table exhibiting the aggregate Population

STATES AND TERRITORIES.		1870.		1860.		1850.
Total of the States and Territories....		38,623,832		31,443,321		23,191,876
Total of the States.....		38,115,641		31,183,744		23,067,262
Alabama .....	16	996,992	13	964,201	12	771,623
Arkansas.....	26	484,471	25	435,450	26	209,897
California.....	24	560,247	26	379,994	29	92,597
Connecticut.....	25	537,454	24	460,147	21	370,792
Delaware.....	34	125,015	32	112,216	30	91,532
Florida.....	33	187,748	31	140,424	31	87,445
Georgia.....	12	1,184,109	11	1,057,286	9	906,135
Illinois.....	4	2,539,891	4	1,711,951	11	851,470
Indiana.....	6	1,630,637	6	1,350,428	7	988,416
Iowa.....	11	1,194,020	29	674,913	27	192,214
Kansas.....	29	364,399	33	107,266	..	..
Kentucky.....	8	1,321,011	9	1,155,684	8	982,405
Louisiana.....	21	726,915	17	708,002	18	517,762
Maine.....	23	626,916	22	628,279	16	583,169
Maryland.....	20	780,894	19	687,049	17	583,034
Massachusetts.....	7	1,457,351	7	1,231,066	6	994,514
Michigan.....	13	1,184,959	16	749,113	26	397,654
Minnesota.....	28	439,706	30	172,023	33	6,077
Mississippi.....	18	837,922	14	791,305	15	606,526
Missouri.....	5	1,721,295	8	1,182,012	13	682,041
Nebraska.....	35	122,992	35	28,841	..	..
Nevada.....	37	42,491	36	6,857	..	..
New Hampshire.....	31	318,300	27	326,073	22	317,976
New Jersey.....	17	906,096	21	672,055	19	489,555
New York.....	1	4,382,759	1	3,880,735	1	3,097,394
North Carolina.....	14	1,071,361	12	992,622	16	869,029
Ohio.....	3	2,695,266	3	2,339,511	3	1,980,329
Oregon.....	36	90,923	34	52,465	32	13,294
Pennsylvania.....	2	3,521,951	2	2,906,215	2	2,311,786
Rhode Island.....	32	217,353	29	174,620	28	147,545
South Carolina.....	22	705,606	18	703,708	14	668,507
Tennessee.....	9	1,258,520	10	1,109,801	5	1,002,717
Texas.....	19	818,579	22	604,215	25	212,592
Vermont.....	39	330,551	28	315,098	23	314,120
Virginia.....	10	1,225,163	5	1,596,318	4	1,421,661
West Virginia.....	27	442,014	..	..	..	..
Wisconsin.....	15	1,054,676	15	775,831	24	305,391
Total of the Territories.....		513,191		259,577		124,614
Alaska.....	..	*70,461	..	..	..	..
Arizona.....	9	9,658	..	..	..	..
Colorado.....	4	39,864	4	34,277	..	..
Dakota.....	8	14,181	6	4,837	..	..
District of Columbia.....	1	131,700	2	75,080	2	51,687
Idaho.....	7	14,999	..	..	..	..
Montana.....	6	20,595	..	..	..	..
New Mexico.....	2	91,874	1	93,516	1	61,547
Utah.....	3	86,786	3	40,273	3	11,380
Washington.....	5	23,955	5	11,594	..	..
Wyoming.....	10	9,118	..	..	..	..

\* This includes 70,000 Indians.

*of the States and Territories at nine decades.*

1840.		1850.		1860.		1870.		1880.		1890.		1900.	
17,069,452		12,866,020		9,633,822		7,239,881		5,303,452		3,929,214			
17,019,641		12,820,868		9,600,783		7,215,858		5,294,390		3,929,214			
12	590,756	15	309,527	19	127,901								
25	97,574	27	30,388	25	14,355								
20	309,978	16	297,675	14	275,148	9	261,942	8	251,002	8	237,946		
23	78,085	24	76,748	22	72,749	19	72,674	17	64,273	16	59,096		
27	54,477	25	34,730										
9	691,392	10	516,823	11	340,985	11	252,433	12	162,680	13	82,548		
14	476,183	20	157,445	24	55,162	23	12,282						
10	685,886	13	343,031	18	147,178	21	24,520	20	5,641				
28	43,112												
6	779,825	6	637,917	6	564,135	7	406,511	9	220,955	14	73,677		
19	352,411	19	215,739	17	152,923	18	76,556						
13	501,793	12	399,455	12	298,269	14	228,705	14	151,711	11	96,540		
15	470,019	11	447,040	10	407,350	8	380,546	7	341,548	6	319,72		
8	737,699	3	610,408	7	523,159	5	472,040	5	422,842	4	378,787		
22	212,267	26	31,639	27	8,765	24	4,762						
17	375,651	22	136,621	21	75,448	20	40,352	19	8,850				
16	383,702	21	140,455	23	66,557	22	20,815						
22	284,574	18	269,328	15	244,022	16	214,460	11	183,858	10	141,885		
18	373,306	14	320,823	13	277,426	12	245,562	10	211,149	9	184,139		
1	2,428,921	1	1,918,608	1	1,372,111	2	959,049	3	589,051	5	340,129		
7	753,419	5	737,987	4	638,829	4	555,500	4	478,103	3	393,751		
5	1,519,467	4	937,903	5	581,295	13	230,760	18	45,365				
2	1,724,033	2	1,348,233	3	1,047,507	2	810,091	2	602,365	2	434,373		
24	108,830	23	97,199	20	83,015	17	76,931	16	69,122	15	68,825		
11	594,398	8	581,185	8	502,741	6	415,115	6	345,591	7	249,073		
5	829,210	7	681,904	9	422,771	10	261,727	15	105,602	17	35,691		
21	291,948	17	280,052	16	235,966	15	217,895	13	154,465	12	85,425		
4	1,239,797	3	1,211,405	2	1,055,116	1	974,600	1	880,200	1	747,610		
29	30,945												
43,712		39,834		33,039		24,023		14,093					
1	43,712	1	39,834	1	33,039	1	24,023	1	14,093				

NOTE.—The figures in the narrow column under each census year show the order or rank of the State in magnitude of population.

*Table exhibiting the aggregate White and Colored Population, and Illiteracy of the United States, by States, in the year 1870.*

STATES.	White.	Colored.	Persons ten years of age and over, who "cannot read."	Persons ten years of age and over, who "cannot write."		
			Native and Foreign.	Total.	Native.	Foreign.
Alabama .....	521,381	475,510	349,771	383,012	382,142	870
Arkansas .....	362,115	122,169	111,799	133,339	133,043	296
California .....	499,424	4,272	24,877	31,716	9,520	22,196
Connecticut .....	527,549	9,668	19,680	29,616	5,678	23,938
Delaware .....	102,221	22,794	19,356	23,100	20,631	2,469
Florida .....	95,057	91,689	66,238	71,803	71,235	568
Georgia .....	635,926	545,142	418,553	468,593	467,503	1,090
Illinois .....	2,511,090	28,762	86,368	133,584	90,595	42,989
Indiana .....	1,655,837	24,560	76,634	127,124	113,185	13,939
Iowa .....	1,188,207	5,762	24,115	45,671	24,979	20,692
Kansas .....	346,377	17,108	16,369	24,550	20,449	4,101
Kentucky .....	1,038,692	222,210	249,567	332,176	324,945	7,231
Louisiana .....	362,065	361,210	257,184	276,158	268,773	7,385
Maine .....	624,809	1,606	13,486	19,052	7,986	11,066
Maryland .....	605,497	175,391	114,100	135,499	126,907	8,592
Massachusetts .....	1,443,156	13,947	74,935	97,742	7,912	89,830
Michigan .....	1,167,282	11,849	34,613	53,127	22,547	30,580
Minnesota .....	438,257	759	12,747	24,413	5,558	18,855
Mississippi .....	382,896	414,201	291,718	313,310	312,483	827
Missouri .....	1,603,146	118,071	146,771	222,411	206,827	15,584
Nebraska .....	122,117	78	2,365	4,861	3,552	1,309
Nevada .....	38,959	357	727	872	98	774
New Hampshire .....	317,697	581	7,618	9,926	1,992	7,934
New Jersey .....	875,407	30,658	37,057	54,687	29,726	24,961
New York .....	4,330,210	52,081	163,501	239,271	70,702	168,569
North Carolina .....	678,470	391,650	339,789	397,690	397,573	117
Ohio .....	2,601,946	63,213	92,726	173,172	134,102	39,070
Oregon .....	86,929	346	2,609	4,427	3,003	1,424
Pennsylvania .....	3,456,609	65,294	131,728	222,356	126,803	95,553
Rhode Island .....	212,219	4,980	15,416	21,921	4,444	17,477
South Carolina .....	229,667	415,814	265,892	290,379	289,726	653
Tennessee .....	936,119	322,331	290,549	364,697	362,955	1,742
Texas .....	564,700	253,475	189,423	241,703	203,334	18,369
Vermont .....	320,613	924	15,185	17,706	3,902	13,804
Virginia .....	712,089	512,841	390,913	445,893	444,623	1,270
West Virginia .....	424,033	17,980	48,802	81,490	78,389	3,101
Wisconsin .....	1,051,351	2,113	35,031	55,441	14,113	41,328
Totals .....	33,203,128	4,835,106	4,433,206	5,552,488	4,791,938	760,553
Territories .....	356,249	44,901	89,878	105,656	82,336	17,320
Grand total .....	33,589,377	4,880,007	4,523,084	5,658,144	4,880,274	777,873

## THE NINTH FEDERAL CENSUS

OF

## O H I O .

In both editions of my report for 1870, I published the population statistics of Ohio in the aggregate, as ascertained by the census of that year. In my report for 1871 I gave an analysis of our population, showing the native, foreign, white and colored, by townships, villages, wards, cities and counties. As a large extra edition of that report has been distributed, I omit this year the table of population by townships, wards, etc.

Under the head of "Social Statistics" will be found a table showing the illiteracy of Ohio by counties (see pages 264-5); also, a condensed exhibit of our Universities, Colleges, Academies and Common Schools.

The rank that Ohio has taken among the States and Territories, in respect to population, may be seen in the following table:

Year.	Rank.	Population.
1800 .....	18	45,365
1810 .....	13	230,760
1820 .....	5	581,295
1830 .....	4	937,903
1840 .....	3	1,519,467
1850 .....	3	1,980,329
1860 .....	3	2,339,511
1870 .....	3	2,665,260

Classified on the basis of color, the population of Ohio, as it stood June 1st, 1870, was as follows:

Color or Race.	Number.	Per cent.
White .....	2,601,946	97.62
Colored .....	63,213	2.38
Indian .....	100	.....
Chinese .....	1	.....
Total .....	2,665,260	100.00



Classified with reference to birth-place, it was as follows :

Birth-place.	Number.	Per cent.
Born in Ohio.....	1,842,313	69.12
Born in other States and Territories of the Union.....	450,454	16.90
Foreign born.....	372,493	13.98
Total .....	2,665,260	100.00

The following admirable table, which was prepared by General Garfield for my last report, shows the birth place of the present native population of the State who were born outside of Ohio, and the States to which we have contributed population :

States and Terri- tories.	Ohio has received from—	Ohio has given to—	States and Terri- tories.	Ohio has received from—	Ohio has given to
Alabama .....	650	682	North Carolina .....	4,891	140
Arkansas .....	323	2,199	Oregon .....	32	4,031
California .....	297	12,735	Pennsylvania .....	149,784	19,295
Connecticut .....	12,408	928	Rhode Island .....	1,127	202
Delaware .....	2,632	152	South Carolina .....	1,135	95
Florida .....	76	128	Tennessee .....	3,703	4,420
Georgia .....	867	366	Texas .....	244	2,052
Illinois .....	6,274	163,012	Vermont .....	9,055	310
Indiana .....	17,382	189,359	Virginia and West Virginia.....	72,950	12,705
Iowa .....	2,837	126,285	Wisconsin .....	1,868	23,164
Kansas .....	277	38,205			
Kentucky .....	26,230	19,533	Arizona .....	3	235
Louisiana .....	1,137	1,499	Colorado .....	13	2,057
Maine .....	2,686	160	Dakota .....	5	635
Maryland .....	23,392	1,163	District of Columbia	676	1,042
Massachusetts .....	13,390	1,427	Idaho .....	2	550
Michigan .....	6,348	62,207	Indian Territory.....	10	-----
Minnesota .....	372	12,651	Montana .....	6	1,127
Mississippi .....	890	1,171	New Mexico .....	13	274
Missouri .....	2,103	76,162	Utah .....	3	1,133
Nebraska .....	76	10,729	Washington Territ'y	3	866
Nevada .....	9	1,858	Wyoming .....	2	547
New Hampshire .....	3,329	212			
New Jersey .....	13,229	1,868	Totals.....	450,454	806,983
New York .....	67,594	7,512			



Of her present population Ohio has received from—

Country.	Number.	Country.	Number.
Africa .....	24	Hungary .....	234
Asia .....	24	Italy .....	564
Austria .....	3,699	Luxemburg .....	329
Belgium .....	639	Mexico .....	41
Bohemia .....	1,429	Norway .....	64
British America .....	12,988	Pacific Isles .....	7
Central and South America .....	47	Poland .....	526
Denmark .....	284	Portugal .....	22
France .....	12,781	Russia .....	181
Germany .....	182,897	Spain .....	31
England .....	36,561	Sweden .....	252
Ireland .....	82,674	Switzerland .....	12,727
Scotland .....	7,819	West Indies .....	121
Wales .....	12,939	At sea .....	285
Greece .....	4	Not specified .....	245
Holland .....	2,018		
		Total .....	372,493

POPULATION TABLES.

Immediately following will be found six tables of population statistics, viz :

1. Showing the nativities of the Foreign born population of the State by counties.
2. Showing the total male and female, and the number 21 years old and upwards by counties.
3. Showing the aggregate population by counties from 1800 to 1870.
4. Nativities of the population of the five largest cities of Ohio : Cincinnati, Cleveland, Toledo, Columbus and Dayton.
5. Statement by wards of the number of families and dwellings, with the average number to each family in the five principal cities of Ohio.

OCCUPATIONS.

Following the population tables will be found a comprehensive exhibit of the occupations, with age and nativity of our entire population, both male and female, above the age of ten years. The list is classified under four grand divisions of which the following is a summary :

Occupation.	Number engaged
Agriculture .....	397,024
Professional and personal services .....	168,308
Trade and transportation .....	78,547
Manufacture and mining] .....	197,010
Grand total .....	840,889

## CHURCHES IN OHIO.

Following the table of occupations will be found a table of selected statistics of churches in Ohio. This table is copied from the completed Census. It will be observed that several denominations are not classified. In a note at the bottom of the table will be found the aggregate for Ohio of the organizations not classified. The value of church property in Ohio is estimated at \$25,545,725—the value of church property in the United States is \$354,483,581. There are 63,082 church buildings in the United States, with sittings for 21,665,062. The Methodists are the strongest denomination, having 21,337 churches. The Baptists are next, with 13,962. The Presbyterians hold the third place, having 7,071 churches. Fourth are the Catholics, with 3,806 churches. The Christians—both Disciples and the Christian connection are included under this name—have 2,822; the Lutherans 2,776; the Congregationalists 2,715; the Episcopalians 2,601; the German Reformed 1,145; the Friends 662; the Universalists 602; the Unitarians 310; the Mormons 171, and the Jews 152.

## NEWSPAPERS.

Ohio, by the Census, had 395 newspapers in 1870, with an aggregate circulation of 1,388,367, of which 26 were daily, 299 weekly and 47 monthly. The whole number in the United States was 5,871, with an aggregate circulation of 20,842,475; daily 574; weekly 4,295; monthly 622. It is entirely improbable that the aggregate newspaper circulation of this country reaches 20,842,475, as given by the Census. Newspaper proprietors have unquestionably entertained too high an opinion of their circulation, when interviewing the Census Marshals.

## LIBRARIES.

In 1870 the total number of libraries in Ohio, public and private, was 17,790, with 3,687,363 volumes. Total in the United States 163,353, with 25,571,503 volumes.

*Table showing Nativities of Foreign Born Population of the State of Ohio.*

COUNTIES.	Total.	British America.	England and Wales.	Ireland.	Scotland.	France.	Germany.	Austria and Bohemia.	Holland.	Switzerland.	Sweden and Norway.
Adams .....	541	11	15	217	21	21	245	....	1	6	....
Allen .....	2066	33	331	447	25	71	812	10	9	250	1
Ashland .....	1215	23	123	154	164	133	574	1	2	38	....
Ashtabula .....	2217	473	810	620	112	14	163	....	....	11	8
Athens .....	852	54	259	376	20	6	105	1	2	17	....
Auglaize .....	3181	22	60	164	1	106	2721	5	25	68	....
Belmont .....	2614	73	365	1138	75	48	813	2	2	93	....
Brown .....	2171	14	102	379	28	318	1154	62	3	43	....
Butler .....	6910	77	428	1574	101	227	4345	21	31	66	4
Carroll .....	785	10	132	332	37	66	175	....	....	28	....
Champaign .....	1464	89	134	944	36	19	192	2	13	14	2
Clarke .....	3556	72	438	1741	106	26	1111	12	1	28	2
Clermont .....	2287	47	174	462	65	211	1191	13	6	94	....
Clinton .....	682	5	75	444	16	12	126	....	....	....	....
Columbiana .....	3785	87	1232	1074	486	65	614	2	1	196	15
Coshocton .....	1832	24	363	523	22	132	671	10	....	78	2
Crawford .....	3842	98	183	395	13	167	2817	55	5	76	32
Cuyahoga .....	50,696	3446	8359	12,016	1089	452	19,934	3339	603	916	34
Darke .....	1881	24	52	378	14	217	1157	2	2	18	....
Defiance .....	2197	179	85	159	5	102	1497	61	12	71	....
Delaware .....	1749	64	477	639	17	24	467	1	4	43	....
Erie .....	7402	271	573	1367	89	95	4624	33	31	238	12
Fairfield .....	1948	32	119	300	22	110	1161	3	1	180	....
Fayette .....	548	15	22	353	8	2	135	....	....	7	1
Franklin .....	10,537	351	1239	2341	165	322	5705	35	20	282	3
Fulton .....	1843	120	240	156	35	279	513	2	2	458	....
Gallia .....	1156	32	575	52	39	48	369	....	1	27	....
Geauga .....	711	129	291	168	20	5	82	1	....	11	1
Greene .....	1588	51	95	894	84	13	407	14	3	10	....
Guernsey .....	822	15	157	537	23	....	83	....	4	....	....
Hamilton .....	88,499	1255	4496	20,251	914	2441	55,273	718	793	1300	49
Hancock .....	1301	29	68	81	26	77	899	3	12	96	1
Hardin .....	1599	38	140	332	14	9	673	16	....	365	3
Harrison .....	464	6	90	312	15	1	32	3	1	2	....
Henry .....	2171	109	150	125	24	79	1669	....	3	4	....
Highland .....	1140	12	101	503	63	194	237	15	1	7	....
Hocking .....	863	4	86	217	10	17	520	....	1	4	....
Holmes .....	1611	11	51	119	5	252	831	3	....	333	....
Huron .....	3980	172	833	758	54	135	1891	29	2	84	1
Jackson .....	1794	12	948	400	22	9	367	1	....	28	1
Jefferson .....	3245	69	1009	1352	220	7	531	1	1	24	15
Knox .....	1245	39	475	447	29	56	177	2	4	4	1
Lake .....	1672	262	503	747	24	6	94	10	1	20	1
Lawrence .....	2582	14	534	745	33	28	1178	11	15	20	....
Licking .....	2434	51	1048	635	42	48	505	....	....	89	1
Logan .....	966	65	87	543	52	15	183	4	....	12	....
Lorain .....	5557	339	1684	730	115	79	2509	10	5	34	10
Lucas .....	14,119	1301	1139	3405	168	343	6804	104	111	608	26
Madison .....	1344	37	125	966	17	8	183	1	....	1	....
Mahoning .....	5869	107	2078	1897	423	17	1212	1	3	25	1
Marion .....	1911	80	189	432	10	58	1099	5	1	22	4
Medina .....	1533	139	500	121	36	57	644	1	4	26	3
Meigs .....	3285	28	1393	236	101	22	1473	1	....	16	....

*Table showing Natives of Foreign Born Population—Continued.*

COUNTIES	Total.	British America.	England and Wales.	Ireland.	Scotland.	France.	Germany.	Austria and Bohemia.	Holland.	Switzerland.	Sweden and Norway.
Mercer .....	2215	17	47	93	18	99	1778	46	19	93	....
Miami .....	2509	49	166	580	22	84	1537	6	7	34	....
Monroe .....	2454	....	59	137	15	157	1262	1	2	814	2
Montgomery .....	10,979	180	573	2008	118	337	7386	82	31	159	27
Morgan .....	490	20	78	201	8	1	173	....	....	7	..
Morrow .....	663	25	152	143	17	5	300	....	....	18	1
Muskingum .....	3501	44	468	1090	69	203	1536	12	1	42	....
Noble .....	664	7	75	166	19	17	372	1	....	5	....
Ottawa .....	3475	373	161	242	53	20	2435	23	8	93	9
Paulding .....	654	80	76	119	9	74	224	....	3	66	....
Perry .....	748	12	36	469	10	85	108	2	4	21	....
Pickaway .....	1092	22	89	377	16	20	545	....	1	10	....
Pike .....	899	5	32	43	6	5	782	1	1	13	....
Portage .....	2453	195	753	607	100	59	709	2	2	15	2
Preble .....	1073	14	36	521	12	13	467	....	....	8	....
Putnam .....	2048	45	200	119	6	152	1314	27	55	100	....
Richland .....	3024	107	444	483	71	61	1676	10	....	151	3
Ross .....	3158	36	149	598	62	70	2188	13	2	31	2
Sandusky .....	3959	118	318	606	22	299	2291	56	2	211	....
Scioto .....	3575	22	402	517	40	261	2176	4	16	99	2
Seneca .....	3878	105	119	343	4	281	2335	32	31	281	....
Shelby .....	2263	39	82	394	21	320	1221	4	22	135	....
Stark .....	7780	92	1066	577	224	1319	3522	21	16	793	5
Summit .....	6061	369	1862	1280	238	254	1692	117	2	188	11
Trumbull .....	8091	331	4462	1676	653	75	812	6	12	37	....
Tuscarawas .....	4636	43	279	281	30	62	2438	....	1	1475	6
Union .....	801	50	104	299	8	5	32	....	....	3	....
Van Wert .....	1316	37	283	124	10	60	72	5	5	55	4
Vinton .....	762	14	105	435	7	20	161	4	3	10	....
Warren .....	1643	38	241	638	38	36	628	6	....	11	....
Washington .....	3930	49	374	748	237	54	2424	3	1	28	3
Wayne .....	3128	74	231	420	118	433	1072	7	1	761	2
Williams .....	1507	53	126	116	34	383	698	6	20	60	2
Wood .....	3151	166	567	301	140	113	1669	3	9	176	1
Wyandot .....	1711	43	85	225	9	75	977	1	1	197	....

NOTE.—The above table gives only the nationalities numerously represented. The aggregate of the ten columns of nationalities, will not make the total as here given, as this total represents the entire foreign element of our population. The census shows 24 born in Africa; 24 in Asia; 2 in Atlantic Islands; 50 in Australasia; 639 in Belgium; 9 in Central America; 12 in China; 13 in Cuba; 284 in Denmark; 1 in Gibraltar; 4 in Greece; 234 in Hungary; 181 in Russia; 22 in Portugal; 526 in Poland; 7 in the Pacific Islands; 41 in Mexico; 564 in Italy; 121 in West Indies; 31 in Spain; 8 in Turkey; and 49 in India.



*Statistics of Age and Sex by Counties, for the State of Ohio, with number of male citizens.*

COUNTIES.	ALL AGES.			21 AND UPWARDS.	
	Total.	Male.	Female.	Male.	Male citizens.
Adams .....	20,750	10,297	10,453	4,493	4,323
Allen .....	23,623	11,949	11,674	5,186	4,961
Ashland .....	21,933	10,830	11,103	5,189	5,043
Ashtabula .....	32,517	16,071	16,446	8,696	8,052
Athens .....	23,768	11,955	11,813	5,374	5,227
Anglaize .....	20,041	10,275	9,766	4,367	3,894
Belmont .....	39,714	19,760	19,954	9,279	8,904
Brown .....	30,802	15,221	15,581	6,752	6,636
Butler .....	39,912	20,017	19,895	9,765	9,071
Carroll .....	14,491	7,195	7,296	3,408	3,145
Champaign .....	24,188	12,151	12,037	5,827	5,628
Clark .....	32,070	16,201	15,869	8,086	7,791
Clermont .....	34,268	16,887	17,381	8,073	7,601
Clinton .....	21,914	11,064	10,850	5,093	5,044
Columbiana .....	38,299	19,064	19,235	9,395	8,677
Coshocton .....	23,600	11,808	11,792	5,330	5,111
Crawford .....	25,556	12,866	12,690	6,074	5,491
Cuyahoga .....	132,010	66,725	65,285	34,832	25,165
Darke .....	32,278	16,612	15,666	7,411	7,244
Defiance .....	15,719	8,047	7,672	3,495	3,321
Delaware .....	25,175	12,748	12,427	6,204	6,069
Erie .....	28,188	14,252	13,936	6,973	6,292
Fairfield .....	31,133	15,762	15,376	7,179	7,048
Fayette .....	17,170	8,847	8,323	4,094	4,035
Franklin .....	63,019	31,967	31,052	15,810	14,922
Fulton .....	17,789	9,083	8,706	4,303	3,690
Gallia .....	25,545	12,839	12,706	5,503	5,404
Geauga .....	14,190	7,114	7,076	4,146	4,009
Greene .....	28,038	14,012	14,026	6,799	6,649
Guernsey .....	23,838	11,609	12,229	5,338	5,258
Hamilton .....	260,370	128,530	131,840	64,612	55,130
Hancock .....	23,847	11,943	11,904	5,326	5,106
Hardin .....	18,714	9,545	9,169	4,301	4,180
Harrison .....	18,682	9,191	9,491	4,332	4,025
Henry .....	14,028	7,295	6,733	3,226	3,069
Highland .....	29,133	14,468	14,665	6,677	6,545
Hocking .....	17,925	8,987	8,938	3,887	3,815
Holmes .....	18,177	9,103	9,074	4,067	3,852
Huron .....	28,532	14,503	14,029	7,412	6,587
Jackson .....	21,759	11,125	10,634	4,745	4,648
Jefferson .....	29,188	14,211	14,977	6,794	5,980
Knox .....	26,333	13,060	13,273	6,560	6,443
Lake .....	15,935	7,785	8,150	4,362	4,051
Lawrence .....	31,380	16,030	15,350	6,627	6,541
Licking .....	35,756	17,526	18,230	8,786	8,275
Logan .....	23,028	11,469	11,559	5,416	5,236
Lorain .....	30,308	15,158	15,150	7,870	6,936
Lucas .....	46,722	23,673	23,049	12,027	10,641
Madison .....	15,633	7,991	7,642	3,816	3,767
Mahoning .....	31,001	15,619	15,382	7,803	6,792
Marion .....	16,184	8,328	7,856	3,900	3,786
Medina .....	20,092	9,984	10,108	5,229	4,985
Meigs .....	31,465	15,873	15,592	6,946	6,730
Mercer .....	17,254	8,826	8,423	3,726	3,707
Miami .....	32,740	16,363	16,377	7,815	7,545
Monroe .....	25,779	12,941	12,838	5,468	5,232

*Statistics of Age and Sex by Counties, for the State of Ohio—Continued.*

COUNTIES.	ALL AGES.			21 AND UPWARDS.	
	Total.	Male.	Female.	Male.	Male citizens.
Montgomery .....	64,006	32,800	31,206	16,565	15,363
Morgan .....	20,363	10,073	10,290	4,690	4,663
Morrow .....	18,583	9,283	9,355	4,532	4,350
Muskingum .....	44,886	21,899	22,987	10,155	9,923
Noble .....	19,949	10,039	9,910	4,278	4,166
Ottawa .....	13,364	7,011	6,353	3,319	2,546
Paulding .....	8,544	4,466	4,078	1,912	1,511
Perry .....	18,453	9,060	9,393	4,062	3,997
Pickaway .....	24,875	12,723	12,147	5,887	5,796
Pike .....	15,447	7,711	7,736	3,310	3,236
Portage .....	24,584	12,311	12,273	6,826	6,501
Preble .....	21,809	10,847	10,962	5,277	5,198
Putnam .....	17,081	8,687	8,394	3,506	3,737
Richland .....	32,516	16,195	16,321	8,201	7,774
Ross .....	37,097	18,406	18,691	8,466	8,412
Sandusky .....	25,503	12,936	12,567	6,108	5,792
Scioto .....	29,302	14,785	14,517	6,647	6,343
Seneca .....	30,827	15,508	15,319	7,339	7,040
Shelby .....	20,748	10,525	10,223	4,765	4,632
Stark .....	52,508	26,444	26,064	12,509	11,880
Summit .....	34,674	17,441	17,233	9,086	7,880
Trembulla .....	38,659	19,635	19,024	10,190	8,253
Tuscarawas .....	33,840	17,013	16,827	7,771	7,301
Union .....	18,730	9,424	9,306	4,413	4,289
Van Wert .....	15,823	8,136	7,687	3,482	2,976
Vinton .....	15,027	7,486	7,541	3,162	3,107
Warren .....	26,689	13,342	13,347	6,714	6,615
Washington .....	40,609	20,460	20,149	9,209	8,894
Wayne .....	35,116	17,467	17,649	8,571	8,100
Williams .....	20,991	10,730	10,261	4,884	4,721
Wood .....	24,596	12,566	12,030	5,714	5,479
Wyandot .....	18,553	9,466	9,087	4,456	4,196
Total .....	2,665,260	1,337,550	1,327,710	640,820	*592,350

\* According to this table, there were in 1870, 48,470 males in Ohio, 21 and upwards, who were not naturalized.



*Table showing the Population of Ohio by Counties, from 1800 to 1870.*

COUNTIES.	1870.	1860.	1850.	1840.	1830.	1820.	1810.	1800.
Total for the State..	2,665,260	2,339,511	1,980,329	1,519,467	937,903	581,295	230,760	45,365
Adams .....	20,750	20,309	18,883	13,183	12,281	10,406	9,343	3,432
Allen .....	23,623	19,185	12,109	9,079	578	.....	.....	.....
Ashland .....	21,933	22,951	23,813	.....	.....	.....	.....	.....
Ashtabula .....	32,517	31,814	28,767	23,724	14,584	7,375	.....	.....
Athens .....	23,768	21,364	18,215	19,109	9,787	6,338	2,791	.....
Auglaize .....	20,041	17,187	11,338	.....	.....	.....	.....	.....
Belmont .....	39,714	36,398	34,600	30,901	28,627	20,329	11,097	.....
Brown .....	30,802	29,958	27,332	22,715	17,867	13,356	.....	.....
Butler .....	39,912	35,840	30,789	28,173	27,142	21,746	11,150	.....
Carroll .....	14,491	15,738	17,685	18,108	.....	.....	.....	.....
Champaign .....	24,188	22,698	19,782	19,782	12,131	8,479	6,303	.....
Clarke .....	32,070	25,300	22,178	16,882	13,114	9,533	.....	.....
Clermont .....	31,268	33,034	30,455	23,106	20,466	15,820	9,965	.....
Clinton .....	21,914	21,461	18,838	15,719	11,436	8,085	2,674	.....
Columbiana .....	38,299	32,836	33,621	40,378	35,592	22,033	10,878	.....
Coshocton .....	23,600	25,032	25,674	21,590	11,161	7,086	.....	.....
Crawford .....	25,566	23,881	18,177	13,152	4,791	.....	.....	.....
Cuyahoga .....	132,010	78,033	48,099	26,506	10,373	6,328	1,459	.....
Darke .....	32,278	26,009	20,276	13,282	6,204	3,717	.....	.....
Defiance .....	15,719	11,886	6,966	.....	.....	.....	.....	.....
Delaware .....	25,175	23,902	21,817	22,060	11,504	7,639	2,000	.....
Erie .....	28,188	24,474	18,568	12,599	.....	.....	.....	.....
Fairfield .....	31,138	30,538	30,264	31,924	24,786	16,633	11,361	.....
Fayette .....	17,170	15,935	12,726	10,934	8,182	6,316	1,854	.....
Franklin .....	63,019	50,361	42,909	25,049	14,741	10,172	3,486	.....
Fulton .....	17,789	14,043	7,781	.....	.....	.....	.....	.....
Gallia .....	25,545	22,043	17,063	13,444	9,733	7,098	4,181	.....
Geauga .....	14,190	15,817	17,827	16,297	15,813	7,791	2,917	.....
Greene .....	28,038	26,197	21,946	17,528	14,801	10,521	5,870	.....
Guernsey .....	23,838	24,474	30,438	27,748	18,036	9,292	3,051	.....
Hamilton .....	260,370	216,410	156,844	80,145	52,317	31,764	15,258	14,692
Hancock .....	23,847	22,886	16,751	9,986	813	.....	.....	.....
Hardin .....	18,714	13,570	8,251	4,598	210	.....	.....	.....
Harrison .....	18,682	19,110	20,157	20,099	20,916	14,345	.....	.....
Henry .....	14,028	8,901	3,434	2,503	262	.....	.....	.....
Highland .....	29,133	27,773	25,781	22,269	16,345	12,308	5,766	.....
Hocking .....	17,925	17,057	14,119	9,741	4,008	2,130	.....	.....
Holmes .....	18,177	20,589	20,452	18,088	9,135	.....	.....	.....
Huron .....	28,532	29,616	26,203	23,933	13,341	6,675	.....	.....
Jackson .....	21,759	17,941	12,719	9,744	5,941	3,746	.....	.....
Jefferson .....	29,188	26,115	29,133	25,030	22,489	18,531	17,260	8,766
Knox .....	26,333	27,735	28,872	29,579	17,085	8,326	2,149	.....
Lake .....	15,935	15,576	14,654	13,719	.....	.....	.....	.....
Lawrence .....	31,380	23,249	15,246	9,738	5,367	3,499	.....	.....
Licking .....	35,756	37,011	38,846	35,096	20,869	11,861	3,852	.....
Logan .....	23,028	20,996	19,162	14,015	6,440	3,181	.....	.....
Lorain .....	30,308	29,744	26,086	18,467	5,696	.....	.....	.....
Lucas .....	46,722	25,831	12,363	9,382	.....	.....	.....	.....
Madison .....	15,633	13,015	10,015	9,025	6,190	4,799	1,603	.....
Mahoning .....	31,001	25,894	23,735	.....	.....	.....	.....	.....
Marion .....	16,184	15,490	12,618	14,765	6,551	.....	.....	.....
Medina .....	20,092	22,517	24,441	18,352	7,560	3,082	.....	.....
Meigs .....	31,465	26,534	17,971	11,452	6,158	4,480	.....	.....
Mercer .....	17,254	14,104	7,712	8,277	1,110	.....	.....	.....
Miami .....	32,740	29,959	24,999	19,688	12,807	8,851	3,941	.....
Monroe .....	25,779	25,741	28,351	18,521	8,768	4,645	.....	.....
Montgomery .....	64,006	52,230	38,218	31,938	24,362	15,999	7,722	.....
Morgan .....	20,363	22,119	28,585	20,852	11,800	5,297	.....	.....
Morrow .....	18,583	20,445	20,280	.....	.....	.....	.....	.....

*Table showing Population of Ohio by Counties—Continued.*

COUNTIES.	1870.	1880.	1890.	1840.	1850.	1860.	1870.	1880.
Muskingum .....	44,886	44,416	45,049	33,749	29,334	17,824	10,036	.....
Noble .....	19,949	20,751	.....	.....	.....	.....	.....	.....
Ottawa .....	13,364	7,076	3,308	2,248	.....	.....	.....	.....
Paulding .....	8,544	4,945	1,766	1,034	161	.....	.....	.....
Perry .....	18,453	19,678	20,775	19,344	13,970	8,429	.....	.....
Pickaway .....	21,875	23,469	21,006	19,725	16,001	13,149	7,124	.....
Pike .....	15,447	13,643	10,953	7,626	6,024	4,253	.....	.....
Portage .....	24,584	24,208	24,419	22,965	18,820	10,095	2,995	.....
Preble .....	21,809	21,820	21,736	19,482	16,291	10,237	3,304	.....
Putnam .....	17,031	12,808	7,221	5,189	230	.....	.....	.....
Richland .....	32,516	31,158	30,879	44,532	24,006	9,169	.....	.....
Ross .....	37,097	35,071	32,074	27,460	24,068	20,619	15,514	8,540
Sandusky .....	25,503	21,429	14,305	10,182	2,851	852	.....	.....
Scioto .....	29,302	24,297	18,428	11,192	8,740	5,750	3,399	.....
Seneca .....	30,827	30,868	27,104	18,128	5,159	.....	.....	.....
Shelby .....	20,748	17,493	13,958	12,154	3,671	2,106	.....	.....
Stark .....	52,508	42,978	39,878	31,603	26,588	12,406	2,734	.....
Summit .....	34,674	27,344	27,485	22,560	.....	.....	.....	.....
Trumbull .....	33,659	30,656	30,490	38,107	26,153	15,542	8,671	1,302
Tuscarawas .....	33,840	32,463	31,761	25,631	14,298	8,328	3,045	.....
Union .....	18,730	16,507	12,204	8,422	3,192	1,996	.....	.....
Van Wert .....	15,823	10,238	4,793	1,577	49	.....	.....	.....
Vinton .....	15,027	13,631	9,353	.....	.....	.....	.....	.....
Warren .....	26,689	26,902	25,560	23,141	21,460	17,837	9,925	.....
Washington .....	40,609	36,268	29,540	20,823	11,731	10,425	5,991	5,427
Wayne .....	35,116	32,423	32,981	35,808	23,333	11,933	.....	3,206
Williams .....	20,991	16,633	8,018	4,465	387	.....	.....	.....
Wood .....	24,596	17,886	9,157	5,357	1,102	733	.....	.....
Wyandot .....	18,553	15,596	11,194	.....	.....	.....	.....	.....

*Nativities of the Population of the five Principal Cities in Ohio.*

Cities.	Aggregate population.	Born in the United States.			Born in Foreign Countries.			Great Britain and Ireland.			
		Total.	White.	Colored.	Total.	White.	Colored.	England.	Scotland.	Wales.	Ireland.
Cincinnati .....	216,239	136,627	130,763	5864	79,612	79,572	40	3529	787	507	18,624
Cleveland .....	92,829	54,014	52,763	1251	38,815	38,772	43	4535	668	285	9964
Toledo .....	31,584	20,485	19,908	577	11,099	11,064	35	694	119	7	3032
Columbus .....	31,274	23,663	21,826	1837	7611	7601	10	506	133	415	1845
Dayton .....	30,473	23,050	22,504	546	7423	7421	2	394	90	14	1325

*Nativities of Population.—Continued.*

Cities.	Canada and British America.	France.	Germany.	Austria.	Switzerland.	Italy.	Holland.	Belgium.	Denmark.	Sweden.	Norway.	Russia.	From all other Foreign Countries.
Cincinnati .....	1193	2090	49,448	554	995	399	751	46	61	39	6	80	503
Cleveland .....	2634	339	15,856	2155	704	35	495	16	49	26	6	35	1013
Toledo .....	1019	206	5341	93	375	4	99	11	18	12	12	9	48
Columbus .....	194	238	3082	20	194	14	19	1	8	....	2	3	37
Dayton .....	133	242	4962	28	116	3	13	2	4	12	1	....	83

*Statement of the number of Families and Dwellings of the five largest cities of Ohio.*

CINCINNATI.

WARDS.	1870.				
	Population.	Families.		Dwellings.	
		Number.	Persons to a family.	Number.	Persons to a dwelling.
First Ward .....	10,192	1,959	5.20	1,043	9.77
Second " .....	3,953	716	5.52	449	8.80
Third " .....	8,644	1,668	5.18	846	10.22
Fourth " .....	6,002	1,289	4.66	777	7.72
Fifth " .....	6,286	1,156	5.44	783	8.03
Sixth " .....	8,569	1,638	5.23	843	10.16
Seventh " .....	8,092	1,720	4.70	677	11.95
Eighth " .....	17,523	3,724	4.71	2,004	8.74
Ninth " .....	8,816	1,921	4.59	610	14.45
Tenth " .....	11,054	2,379	4.65	1,036	10.67
Eleventh Ward .....	6,247	1,236	5.05	555	10.68
Twelfth " .....	13,580	2,803	4.69	1,096	12.39
Thirteenth " .....	7,480	1,664	4.50	751	9.96
Fourteenth " .....	8,836	1,472	6.00	1,154	7.66
Fifteenth " .....	13,712	2,311	5.93	1,875	7.31
Sixteenth " .....	17,483	3,638	4.81	2,073	8.43
Seventeenth " .....	4,880	1,012	4.82	677	7.21
Eighteenth " .....	16,231	3,230	5.03	1,963	8.27
Nineteenth " .....	8,883	1,938	4.58	701	12.67
Twentieth " .....	2,350	438	5.37	396	5.93
Twenty-first " .....	5,333	1,024	5.21	697	7.65
Twenty-second Ward .....	2,362	458	5.16	437	5.41
Twenty-third " .....	2,357	427	5.52	355	6.64
Twenty-fourth " .....	1,421	280	5.08	278	5.11
a Addition of May 16, 1870 .....	1,446	253	5.71	222	6.51
c " " " " .....	481	86	5.63	81	5.88
d " " " " .....	859	155	5.54	149	5.77
e " " " " .....	4,602	860	5.35	735	6.26
f " " " " .....	4,108	753	5.46	610	6.73
g " " " " .....	2,908	397	7.32	407	7.14
h " " " " .....	1,546	242	6.39	240	6.44
Totals.....	216,239	42,937	5.04	24,550	8.81

a Unwarded sections 2 and 8 of Mill Creek.

c Part of Riverside, in Delhi township, and Delhi township, at large.

d Sections 21, 22, 27, 28, 33 and 34, Columbia, and Columbia at large.

e Part of Mill Creek west of Colerain pike, and south of section 35; also, Mill Creek, west of Colerain pike at large.

f Part of Mill Creek north of Colerain pike and Mill Creek, and Mill Creek at large.

g Part of Mill Creek between Colerain pike, Mill Creek, and Carthage pike.

h Part of Mill Creek east of Carthage pike and south of the south line of sections 5 and 11; also remainder of that portion of Mill Creek being east of Carthage pike and Mill Creek, and north of south line of sections 5 and 11.

*Statement of the number of Families and Dwellings of the five largest Cities  
of Ohio—Continued.*

CLEVELAND.

Wards.	1870.				
	Population.	Families.		Dwellings.	
		Number.	Persons to a family.	Number.	Persons to a dwelling.
First .....	8,521	1,700	5.01	1,387	6.14
Second .....	5,618	990	5.67	1,003	5.60
Third .....	3,290	397	8.29	397	8.29
Fourth .....	9,850	1,918	5.14	1,933	5.10
Fifth .....	9,725	1,975	4.92	1,788	5.44
Sixth .....	13,324	2,733	4.88	2,432	5.48
Seventh .....	5,658	1,167	4.84	1,059	5.34
Eighth .....	5,416	1,126	4.81	844	6.42
Ninth .....	5,940	1,154	5.15	997	5.96
Tenth .....	6,590	1,382	4.77	1,328	4.96
Eleventh .....	8,059	1,645	4.90	1,478	5.45
Twelfth .....	3,812	799	4.77	744	5.12
Thirteenth .....	3,687	782	4.71	723	5.10
Fourteenth .....	1,538	340	4.52	276	5.57
Fifteenth .....	1,801	303	5.94	303	5.94
Totals .....	92,829	18,411	5.04	16,692	5.56

*Statement of the number of Families and Dwellings of the five largest Cities of Ohio—Continued.*

TOLEDO.

Wards.	1870.				
	Population.	Families.		Dwellings.	
		Number.	Persons to a family.	Number.	Persons to a dwelling.
First .....	3,961	757	5.23	747	5.30
Second .....	4,505	920	4.90	930	4.84
Third .....	4,303	898	4.79	887	4.85
Fourth .....	4,925	985	5.00	841	5.86
Fifth .....	5,506	1,233	4.47	1,053	5.23
Sixth .....	1,814	381	4.76	334	5.43
Seventh .....	3,680	727	5.06	704	5.23
Eighth .....	2,890	556	5.20	573	5.04
Totals .....	31,584	6,457	4.89	6,069	5.20

COLUMBUS.

Wards.	1870.				
	Population.	Families.		Dwellings.	
		Number.	Persons to a family.	Number.	Persons to a dwelling.
First .....	3,045	364	8.37	325	9.37
Second .....	2,621	472	5.55	441	5.94
Third .....	2,575	397	6.54	322	8.00
Fourth .....	3,671	670	5.48	595	6.17
Fifth .....	3,849	801	4.81	703	5.48
Sixth .....	4,728	1,008	4.69	761	6.21
Seventh .....	3,025	579	5.22	432	7.00
Eighth .....	4,361	851	5.12	799	5.46
Ninth .....	3,399	648	5.25	633	5.37
Totals .....	31,274	5,790	5.40	5,011	6.24



*Statement of the number of Families and Dwellings of the five largest Cities of Ohio—Continued.*

DAYTON.

Wards.	1870.				
	Population.	Families.		Dwellings.	
		Number.	Persons to a family.	Number.	Persons to a dwelling.
First .....	2,828	520	5.44	458	6.17
Second .....	2,867	538	5.33	497	5.77
Third .....	2,741	504	5.44	490	5.00
Fourth .....	2,135	416	5.13	390	5.47
Fifth .....	2,921	623	4.69	595	4.91
Sixth .....	4,116	845	4.87	776	5.30
Seventh .....	3,611	750	4.81	671	5.38
Eighth .....	4,006	850	4.71	721	5.56
Ninth .....	1,619	333	4.86	337	4.80
Tenth .....	712	144	4.94	137	5.20
Eleventh .....	2,914	586	4.97	539	5.41
Totals .....	30,473	6,109	4.99	5,611	5.43

## STATEMENT OF OCCUPATIONS, WITH AGE, SEX AND

Occupations.	Number.	AGE	
		10 to 15.	
		M.	F.
AGRICULTURE.			
Agricultural laborers.....	191,063	23,006	63
Dairymen and dairywomen.....	422		
Farmers and planters.....	202,425		
Farm and plantation overseers.....	127		
Gardeners, nurserymen and vinegrowers.....	2,779		
Stock-raisers.....	22		
Stock-herders.....	24		
Total .....	397,024	23,006	63
PROFESSIONAL AND PERSONAL SERVICES.			
Barbers and hairdressers.....	1,712	39	
Billiard and bowling saloon keepers and employes.....	89		
Boarding and lodging house keepers.....	624		
Clergymen.....	3,572		
Domestic servants.....	53,599	304	3,176
Hotel and restaurant keepers and employes.....	6,744	79	13
Journalists.....	377		
Laborers.....	63,518	1,963	7
Launderers and laundresses.....	2,796	1	11
Lawyers.....	2,563		
Livery stable keepers and hostlers.....	1,865	43	
Officials and employes (civil) of Government.....	3,882	4	
Physicians and surgeons.....	4,638		
Soldiers (U. S. A.).....	66		
Teachers (not specified).....	12,034	3	12
Teachers of painting, dancing and music.....	829		
Total .....	163,308	2,691	3,221
TRADE AND TRANSPORTATION.			
<i>Trade.</i>			
Traders and dealers.....	24,354	6	
Hucksters, peddlers and commercial travelers.....	3,891	12	1
Clerks, salesmen and accountants (in stores).....	16,075	375	19
In banking and brokerage of money and stocks.....	1,242	2	
In insurance.....	1,035		
<i>Transportation.</i>			
Officials and employes of express companies.....	768	5	
Officials and employes of railroad companies.....	12,098	33	
Officials and employes of street railroad companies.....	201	3	
Officials and employes of telegraph companies.....	931	39	
Carmen, draymen, teamsters, &c.....	8,964	149	
Sailors, steamboatmen, watermen, &c.....	4,096	24	
Total .....	78,547	783	33

SELECTED NATIVITY FOR THE STATE OF OHIO IN 1870.

AND SEX.				SELECTED NATIVITY.											
16 to 59.		60 and over.		United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.
M.	F.	M.	F.												
158,978	187,408	3,815	16,408	178,490	5,668	2,493	1333	223	44	1406	98	9	933	341	2
171,470	340,518	30,518	94,126	169,464	17,992	4,815	4517	740	78	2108	183	23	1499	961	.....
2,467	49	263	1	1,082	1,157	176	227	24	3	48	23	2	25	16	.....
9	.....	13	.....	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	2	.....	11	10	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
333,632	584	34,629	110	349,469	25,060	7,513	6101	991	125	3566	315	34	245	1319	2
1,623	16	34	.....	1,129	510	13	10	4	.....	12	9	1	8	12	.....
80	.....	.....	.....	60	20	2	1	.....	.....	3	.....	.....	.....	2	.....
228	333	38	25	369	121	77	25	2	.....	10	3	1	5	9	.....
3,235	11	324	2	2,781	380	116	165	21	1	37	20	2	23	23	.....
1,927	47,255	58	879	40,554	5,270	5,587	972	202	21	195	122	7	248	391	1
5,873	550	199	30	4,100	1,589	576	179	18	3	116	59	11	54	39	.....
367	1	9	.....	276	73	10	10	1	.....	3	1	.....	1	1	.....
63,196	67	3,281	4	42,312	11,907	10,519	1408	198	58	522	291	21	744	504	.....
15	2,660	1	108	1,645	390	641	47	10	.....	12	32	1	7	10	.....
2,453	.....	110	.....	2,418	49	43	29	6	.....	4	2	.....	.....	11	.....
1,774	.....	48	.....	1,337	271	167	47	10	.....	8	6	2	4	13	.....
3,547	116	214	1	3,127	346	244	88	15	1	13	16	.....	11	22	.....
4,288	17	332	1	4,116	236	86	75	15	2	19	8	3	15	57	.....
63	.....	.....	.....	43	9	9	1	.....	.....	1	1	.....	1	1	.....
4,024	7,928	87	30	11,219	427	170	104	28	.....	44	21	2	26	41	.....
324	488	15	2	626	124	16	28	1	1	8	9	4	2	8	.....
96,397	59,938	4,930	1131	119,472	22,210	18,441	3354	569	89	1046	619	70	1169	1176	1
23,148	188	1,004	8	17,193	4,854	1,028	717	118	10	270	129	54	116	120	1
3,680	57	136	7	2,460	711	316	120	31	3	82	89	28	28	20	.....
15,113	388	180	10	13,311	1,476	467	412	68	17	62	54	8	41	151	.....
1,180	.....	60	.....	1,140	47	22	21	2	.....	2	3	.....	2	5	.....
958	4	43	.....	959	40	9	16	3	.....	.....	1	.....	1	6	.....
740	1	22	.....	511	88	118	16	5	.....	6	2	.....	2	26	.....
11,917	.....	148	.....	6,864	1,164	3,268	415	102	9	38	22	2	56	151	.....
19	.....	.....	.....	141	24	22	8	1	.....	1	.....	.....	.....	4	.....
864	18	10	.....	862	8	28	16	1	.....	3	.....	.....	.....	13	.....
8,607	7	203	.....	5,672	1,822	1,024	217	25	5	45	18	4	37	88	.....
3,991	25	57	.....	3,234	211	307	136	48	16	22	6	.....	1	94	.....
74,849	790	2,058	25	55,151	11,217	7,317	2211	430	68	560	355	97	331	716	1

*Statement of Occupations. with Age, Sex and*

Occupations.	Number.	AGE	
		10 to 15.	
		M.	F.
MANUFACTURES AND MINING.			
Bakers .....	2,473	41	3
Blacksmiths .....	11,928	44	.....
Bookbinders and finishers .....	551	13	2
Boot and shoemakers.....	10,617	71	8
Brewers and maltsters .....	1,312	5	.....
Brick and stone masons, marble and stone cutters.....	9,965	23	.....
Brick and tile makers.....	2,317	110	.....
Butchers .....	2,717	10	.....
Cabinet makers and upholsterers .....	5,297	198	37
Car, carriage and wagon makers.....	5,394	40	.....
Carpenters and joiners .....	27,225	51	.....
Cigar makers and tobacco workers .....	3,216	241	37
Clerks and book-keepers (in manufacturing establishments) ..	539	13	3
Confectioners .....	507	8	1
Coopers .....	6,283	55	.....
Cotton and woolen mill operatives.....	1,926	123	63
Curriers, tanners, and leather finishers.....	1,533	50	.....
Distillers and rectifiers of liquors.....	488	.....	.....
Fishermen and oystermen .....	300	1	.....
Harness and saddle makers.....	3,121	13	.....
Hat and cap makers .....	41	1	.....
Iron and steel workers.....	8,860	240	.....
Lumbermen, raftsmen and wood choppers.....	589	14	.....
Machinists .....	3,779	35	.....
Millers .....	3,137	14	.....
Milliners, dress and mantua makers .....	6,380	1	148
Miners .....	12,501	441	.....
Painters and varnishers.....	7,533	113	1
Paper-mill operatives .....	1,054	49	25
Plasterers .....	2,723	7	.....
Plumbers and gas fitters.....	555	11	.....
Printers .....	2,648	116	1
Quarrymen .....	1,166	6	.....
Saw-mill operatives.....	3,174	30	.....
Ship riggers, calkers, carpenters and smiths .....	553	1	.....
Tailors, tailoresses and seamstresses .....	14,180	32	292
Tinners .....	2,909	30	.....
Wheelwrights .....	660	2	.....
	197,010	2,912	728
All occupations.....	840,889	34,392	4,045

*Nativity for the State of Ohio—Continued.*

AND SEX.				SELECTED NATIVITY.											
16 to 59.		60 and over.		United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other North Europe.	Italy.	Other south of Europe.	British America.	China and Japan.
M.	F.	M.	F.												
2,384	3	42	.....	1,449	819	58	46	14	.....	29	29	1	21	5	..
11,519	.....	365	.....	8,596	1,882	685	397	82	7	95	29	1	71	77	1
358	163	13	2	364	117	24	20	7	1	4	8	.....	3	3	..
9,761	113	664	.....	5,873	3,147	670	416	66	7	121	66	2	121	123	..
1,315	.....	22	.....	261	927	33	40	7	.....	26	10	2	34	2	..
9,614	.....	328	.....	5,648	2,473	841	531	147	14	83	54	19	78	70	..
2,202	.....	35	.....	1,575	510	90	79	6	.....	15	5	1	17	48	..
2,621	.....	86	.....	793	1,459	107	210	9	5	32	26	.....	47	27	..
4,739	131	192	.....	3,110	1,760	114	96	20	4	59	56	.....	46	28	..
5,149	3	202	.....	2,821	1,099	149	136	9	3	65	19	.....	45	48	..
26,184	.....	990	.....	21,080	3,732	716	781	132	12	168	90	2	206	289	..
2,714	228	26	.....	1,817	1,246	65	41	9	2	16	36	1	5	8	..
476	41	6	.....	447	45	25	11	2	.....	1	.....	.....	1	6	..
476	17	8	3	285	145	13	11	4	.....	14	2	30	2	1	..
5,950	.....	278	.....	3,796	1,757	311	99	17	9	77	15	.....	70	125	..
1,419	263	53	5	1,467	229	54	120	23	.....	8	8	.....	5	9	..
1,410	4	69	.....	848	529	53	39	7	3	23	7	.....	16	8	..
473	.....	15	.....	151	270	38	13	.....	.....	10	.....	.....	3	3	..
292	.....	7	.....	243	34	6	9	2	.....	.....	.....	.....	.....	6	..
3,023	.....	85	.....	2,464	420	85	76	4	1	14	11	.....	28	17	..
25	12	1	2	21	12	5	2	.....	.....	1	.....	.....	.....	.....	..
8,480	.....	140	.....	4,418	1,352	1,244	1,434	118	17	89	36	1	50	99	..
561	.....	14	.....	483	55	6	5	1	.....	6	.....	.....	1	32	..
3,680	.....	64	.....	2,511	621	186	258	62	10	52	18	.....	29	28	..
2,969	2	152	.....	2,619	281	49	115	22	1	18	2	.....	11	19	..
82	6,109	1	39	5,337	279	363	225	33	5	22	12	2	10	88	..
9,864	4	2,192	.....	6,776	886	975	3,249	460	5	58	2	2	48	41	..
7,288	4	127	.....	5,585	1,146	216	304	68	9	38	44	4	41	76	1
715	241	18	6	666	201	97	39	34	1	.....	1	2	7	6	..
2,648	.....	68	.....	2,164	215	181	104	7	1	15	3	1	7	23	..
537	.....	7	.....	341	57	83	46	16	.....	4	2	.....	.....	6	..
2,408	86	37	.....	2,158	234	97	73	18	1	7	13	.....	3	40	..
1,129	.....	31	.....	397	382	242	57	29	12	9	12	2	4	20	..
3,089	.....	55	.....	2,912	146	29	46	6	2	11	1	1	10	9	..
523	.....	29	.....	329	60	50	37	15	2	2	.....	.....	2	55	..
5,058	8,319	343	136	8,732	3,606	904	422	72	5	150	87	9	104	78	..
2,811	2	66	.....	2,278	387	97	62	7	3	12	17	.....	18	36	..
590	.....	68	.....	550	59	19	16	2	.....	5	.....	.....	5	4	..
168,635	16,625	7,847	263	130,228	37,272	10,441	11,163	1833	177	1624	860	107	1370	1812	2
673,513	77,946	49,464	1529	654,320	95,787	43,712	22,829	3823	459	6799	2149	308	5320	5023	6



*Selected Statistics of Churches for the State of Ohio.*

COUNTIES.	ALL DENOMINATIONS.			ORGANIZATIONS.							
	Total number of organizations.	Edifices.	Value of property.	Baptist.	Christian.	Lutheran.	Methodist.	Presbyterian.	Reformed (late German.)	Roman Catholic.	United Brethren in Christ.
Adams .....	54	56	\$96,500 00	7	15	....	19	13	....	....	....
Allen .....	75	72	149,000 00	4	16	11	24	7	3	2	6
Ashland .....	73	72	191,600 00	6	6	13	22	9	9	....	....
Ashtabula .....	88	87	380,600 00	24	6	....	24	5	....	12	2
Athens .....	62	63	123,000 00	13	8	....	35	7	....	1	....
Auglaize .....	45	41	115,700 00	2	10	6	16	2	....	7	2
Belmont .....	89	89	278,050 00	6	11	1	35	25	....	1	....
Brown .....	80	79	279,850 00	2	24	2	27	12	2	5	....
Butler .....	104	93	369,050 00	4	5	12	36	20	5	5	8
Carroll .....	57	56	166,600 00	1	4	6	24	13	2	2	3
Champaign .....	73	67	243,578 00	11	5	5	32	7	3	2	3
Clarke .....	75	71	385,530 00	10	6	5	29	9	5	3	1
Clermont .....	108	107	285,200 00	19	17	1	52	13	....	4	1
Clinton .....	57	57	141,000 00	10	13	....	15	3	....	1	1
Columbiana .....	122	122	338,500 00	4	11	7	27	29	6	2	24
Coshocton .....	75	74	187,150 00	14	7	6	23	13	....	4	....
Crawford .....	82	80	261,900 00	3	1	22	17	14	12	5	9
Cuyahoga .....	137	136	1,610,898 00	13	14	6	36	14	2	12	1
Darke .....	73	61	130,200 00	5	11	6	14	4	16	4	15
Defiance .....	27	24	50,100 00	2	1	2	11	3	5	1	1
Delaware .....	89	86	227,250 00	9	12	3	31	16	2	2	8
Erie .....	49	47	226,200 00	4	1	5	13	6	4	3	....
Fairfield .....	122	119	347,900 00	4	3	28	23	9	16	3	24
Fayette .....	41	41	89,800 00	7	5	....	22	2	....	1	2
Franklin .....	112	111	921,800 00	7	6	11	50	12	2	3	4
Fulton .....	31	31	74,750 00	3	8	....	6	1	2	2	3
Gallia .....	87	80	151,600 00	22	12	1	38	2	....	1	3
Geauga .....	42	42	116,400 00	6	6	....	16	2	....	....	....
Greene .....	89	86	365,600 00	11	8	5	29	16	9	4	1
Guernsey .....	80	79	175,800 00	13	5	8	30	19	....	1	....
Hamilton .....	225	214	5,108,879 00	20	12	14	42	41	5	42	15
Hancock .....	100	100	143,500 00	16	2	7	35	8	5	1	13
Hardin .....	43	39	103,700 00	3	9	5	16	5	4	1	....
Harrison .....	52	52	148,600 00	3	4	4	23	14	1	....	....
Henry .....	25	26	69,500 00	1	5	2	1	2	6	1	....
Highland .....	104	101	213,000 00	14	17	1	47	11	2	2	2
Hocking .....	57	55	66,400 00	3	6	4	27	2	2	2	9
Holmes .....	43	42	82,500 00	2	7	6	14	4	5	2	2
Huron .....	82	81	376,200 00	15	5	6	17	7	2	5	2
Jackson .....	51	49	69,150 00	6	8	1	32	3	....	....	....
Jefferson .....	81	81	276,800 00	7	5	4	32	27	....	1	....
Knox .....	80	80	242,150 00	12	15	5	25	10	....	2	1
Lake .....	38	37	127,200 00	4	4	....	17	3	....	4	....
Lawrence .....	63	57	173,310 00	24	4	1	21	3	1	2	4
Licking .....	126	122	277,300 00	14	18	7	51	13	1	1	10
Logan .....	67	67	173,600 00	11	9	4	28	9	1	2	....
Lorain .....	77	75	302,950 00	13	4	....	25	2	1	4	....
Lucas .....	41	41	398,800 00	6	....	5	15	8	1	8	1
Madison .....	43	43	115,000 00	4	11	....	17	4	....	2	2
Mahoning .....	77	76	244,000 00	4	8	13	15	12	8	1	....
Marion .....	67	66	138,200 00	9	1	6	13	5	8	4	8
Medina .....	57	58	189,850 00	7	7	2	16	10	....	2	....
Meigs .....	94	89	165,850 00	21	13	2	32	11	....	1	8
Mercer .....	30	29	96,500 00	2	2	1	6	3	....	15	1



*Selected Statistics of Churches for the State of Ohio—Continued.*

COUNTIES.	ALL DENOMINATIONS.			ORGANIZATIONS.							
	Total number of organizations.	Edifices.	Value of property.	Baptist.	Christian.	Lutheran.	Methodist.	Presbyterian.	Reformed (late German.)	Roman Catholic.	United Brethren in Christ.
Miami.....	85	85	\$380,000 00	13	16	7	26	9	2	4	2
Monroe.....	82	81	148,350 00	9	16	6	32	11	.....	2	6
Montgomery.....	114	109	893,300 00	10	16	19	15	8	14	6	26
Morgan.....	78	75	125,000 00	9	11	4	39	5	.....	2	2
Morrow.....	62	62	171,500 00	14	5	1	20	9	.....	1	3
Muskingum.....	137	133	408,465 00	24	5	11	56	26	1	4	6
Noble.....	58	57	69,250 00	7	7	3	28	4	1	2	4
Ottawa.....	30	27	34,000 00	.....	2	5	9	2	.....	3	3
Paulding.....	13	11	15,200 00	.....	5	.....	2	.....	.....	2	4
Perry.....	80	81	206,060 00	9	9	11	28	5	4	7	6
Pickaway.....	72	72	162,890 00	3	5	7	32	4	4	1	8
Pike.....	46	45	73,600 00	3	9	5	16	2	2	1	7
Portage.....	62	62	221,000 00	11	11	1	16	3	1	3	1
Preble.....	81	73	162,605 00	9	9	6	27	8	4	1	10
Putnam.....	4	41	97,700 00	3	11	1	14	3	.....	2	8
Richland.....	85	88	354,200 00	7	5	18	23	12	7	3	.....
Ross.....	81	82	242,900 00	5	2	2	50	14	3	3	1
Sandusky.....	47	43	155,000 00	4	1	4	8	1	6	6	2
Scioto.....	62	60	345,000 00	18	6	.....	21	7	.....	6	2
Seneca.....	95	95	297,700 00	7	1	8	26	6	13	7	11
Shelby.....	45	42	142,150 00	2	5	4	16	4	5	6	2
Stark.....	119	122	609,390 00	7	11	8	23	8	21	13	16
Summit.....	71	68	413,700 00	5	6	3	17	4	11	2	6
Trumbull.....	117	117	420,450 00	9	16	10	38	18	4	.....	2
Tuscarawas.....	117	113	268,100 00	7	2	15	46	10	14	3	9
Union.....	49	48	107,850 00	7	12	4	22	4	.....	.....	.....
Van Wert.....	27	26	39,550 00	4	1	8	9	4	.....	1	.....
Vinton.....	52	51	73,750 00	.....	9	.....	33	5	.....	2	2
Warren.....	77	73	267,730 00	10	10	2	21	10	3	2	3
Washington.....	117	103	324,100 00	14	7	7	43	15	.....	4	4
Wayne.....	122	119	341,200 00	13	10	14	23	20	13	2	7
Williams.....	46	44	70,350 00	1	6	4	15	8	2	2	6
Wood.....	37	31	98,800 00	4	6	.....	6	10	2	1	.....
Wyandot.....	37	36	96,900 00	.....	1	6	12	7	3	2	.....
Total.....	6486	6282	\$25,545,725 00	713	681	477	2161	792	288	295	370

NOTE.—By the census of 1870 there are in Ohio—

	No. organizations.	No. Churches.
Congregationalists.....	193	193
Episcopalians.....	114	112
Evangelists.....	157	140
Friends.....	91	91
Jews.....	7	7
Moravians.....	4	4
Swedenborgians.....	8	6
Shakers.....	4	4
Second Adventists.....	1	1
Spiritualists.....	4	3
Unitarians.....	8	8
Universalists.....	78	78

## MANUFACTURES.

Following will be found the manufacturing statistics of Ohio by counties, as ascertained by the census of 1870. These statistics were classified and tabulated at the Census Bureau in Washington, but have not yet been published. Through the courtesy of Col. Harrington Acting Superintendent of the Census, I secured the advance sheets in time for this report. These statistics are more complete than any heretofore published, and give a fair estimate of the scope and importance of our manufacturing industries. I also print tables, consolidated in this office, giving the aggregate of manufacture by counties.

## MANUFACTURING INDUSTRY OF OHIO.

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
ADAMS.						
Flouring-mill products .....	10	39	\$90,750	\$5,375	\$256,917	\$320,320
Leather, tanned .....	5	9	9,000	699	11,834	13,725
curried .....	5	4	4,661	500	10,386	12,203
Lumber, planed .....	2	15	32,200	4,500	14,774	27,586
Stone and earthen ware.....	2	19	18,500	4,200	2,280	12,800
Woolen goods .....	1	14	20,000	4,637	11,275	21,043
ALLEN.						
Agricultural implements .....	2	9	7,000	4,300	4,300	13,580
Carriages and wagons .....	17	63	21,450	13,990	10,080	36,753
Clothing, men's .....	9	33	7,830	9,000	27,850	46,125
women's .....	8	23	527	500	14,350	21,000
Flax, dressed.....	1	24	1,100	4,440	4,386	13,800
Flouring-mill products.....	9	24	67,000	4,685	111,247	126,193
Furniture .....	9	42	22,325	13,720	11,703	33,480
Iron, castings .....	2	10	9,000	5,540	7,895	18,400
Leather, tanned .....	7	12	10,050	2,375	16,717	22,540
curried .....	7	8	6,100	1,150	23,480	26,429
Liquors, malt .....	4	13	32,000	2,650	8,710	19,378
Lumber, sawed .....	22	97	56,750	14,730	49,327	110,077
Machinery (not specified).....	1	33	17,000	16,730	14,190	56,610
railroad-repairing....	2	112	133,334	110,500	68,908	179,408
Masonry, brick and stone.....	4	25	800	4,300	15,060	24,800
Millinery .....	8	22	4,600	985	8,850	12,563
Saddlery and harness .....	9	32	10,300	7,040	10,385	23,035
Tin, copper and sheet-iron ware	7	19	12,350	1,097	6,722	11,655
Woolen goods.....	3	19	26,400	2,800	10,254	17,703
ASHLAND.						
Agricultural implements .....	3	26	33,237	12,400	15,160	56,500
Bread and other bakery products	3	6	834	1,640	4,498	10,294
Carriages and wagons .....	12	48	27,000	13,560	17,208	50,645
Cheese .....	3	20	9,300	8,300	58,003	65,775

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
ASHLAND—Continued.						
Clothing, men's.....	1	12	\$10,000	\$5,100	\$15,100	\$27,600
women's .....	4	9	2,700	2,500	2,680	11,900
Flax, dressed.....	1	20	16,000	4,000	5,800	16,380
Flouring-mill products.....	11	36	114,200	11,902	228,373	290,190
Furniture .....	8	23	16,550	5,110	4,761	18,277
Iron castings .....	2	10	7,148	3,100	9,095	14,800
Leather, tanned .....	9	11	11,900	1,180	11,507	16,564
curried .....	9	12	3,400	1,180	17,836	22,868
Lumber, planed.....	2	7	15,000	2,635	18,545	24,800
sawed .....	13	37	21,000	8,125	24,720	50,935
Machinery .....	1	17	10,000	7,000	7,000	20,000
Printing, newspaper .....	2	10	15,000	5,000	3,695	14,000
Saddlery and harness .....	11	27	11,000	6,887	12,679	39,933
Tin, copper and sheet-iron ware .....	6	17	8,850	3,620	7,438	19,905
Wood, turned and carved .....	1	3	2,000	700	4,750	16,000
Woolen goods .....	3	12	18,000	2,720	17,050	24,715
ASHTABULA.						
Agricultural implements .....	7	41	41,500	19,160	20,604	69,849
Boxes, cheese.....	7	18	7,700	2,070	6,530	16,285
Brick .....	9	26	8,700	4,800	2,215	11,740
Carriages and wagons.....	12	25	11,300	5,250	5,705	23,450
Cheese .....	12	50	38,800	9,160	155,633	177,107
Clothing, men's.....	4	21	11,950	5,020	12,250	20,250
Flouring-mill products.....	13	36	139,500	9,800	330,490	382,825
Furniture .....	6	10	8,450	2,000	1,995	10,105
Hubs and wagon material.....	8	49	33,000	13,800	21,068	64,450
Leather, tanned .....	18	36	63,620	8,825	106,054	144,367
curried .....	18	14	19,080	3,525	43,823	55,240
Lumber, planed.....	5	13	10,000	2,300	9,498	13,545
sawed .....	42	134	103,800	30,105	118,873	217,207
Printing, newspaper .....	4	22	13,000	5,980	5,885	16,650
Pumps .....	1	3	6,000	800	2,800	10,000
Saddlery and harness .....	11	27	8,700	4,320	10,970	21,157
Sash, doors, and blinds.....	6	23	20,650	6,850	9,026	21,630
Tin, copper, and sheet-iron ware .....	13	33	16,170	8,488	18,971	37,594
Tobacco, cigars.....	3	15	1,600	4,025	2,600	12,250
Woolen goods .....	2	19	8,000	2,400	8,025	14,550
ATHENS.						
Boots and shoes .....	2	7	4,500	4,000	6,440	13,000
Cooperage .....	5	24	11,400	7,225	6,495	16,620
Flouring-mill products .....	6	24	48,000	7,600	152,425	200,973
Leather, tanned .....	3	5	6,098	938	13,595	16,942
curried .....	2	5	7,302	1,162	16,595	19,450
Lumber, sawed .....	7	40	19,300	8,798	20,919	41,653
Salt .....	4	42	163,000	14,790	26,625	54,640
Woolen goods .....	3	16	43,000	6,200	18,350	39,090
AUGLAIZE.						
Carriages and wagons .....	7	40	17,050	15,198	4,108	29,017
Cooperage .....	9	109	45,000	40,000	51,940	102,580
Flouring-mill products.....	6	23	64,000	7,695	199,489	248,448
Leather, tanned .....	3	9	8,000	3,150	7,354	13,120

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
AUGLAIZE—Continued.						
Liquors, distilled .....	1	5	\$6,000	\$2,500	\$6,650	\$10,500
malt .....	3	10	20,000	2,070	6,557	14,825
Lumber, sawed .....	12	42	22,900	10,731	32,955	71,291
Oil, vegetable, linseed .....	2	10	13,000	1,566	43,000	48,200
Sash, doors, and blinds .....	1	21	16,000	10,862	9,630	21,163
Woolen goods .....	4	50	107,437	12,100	63,140	97,775
BELMONT.						
Agricultural implements .....	5	62	90,500	29,332	37,064	92,950
Bread and other bakery products .....	4	7	5,050	1,000	8,502	11,734
Brick .....	4	40	4,650	6,220	1,979	12,185
Bridge-building .....	1	200	100,000	99,840	27,490	127,330
Cement .....	1	22	10,000	9,000	12,230	25,200
Clothing, men's .....	11	32	12,575	5,365	12,927	27,500
Cooperage .....	5	62	10,650	21,850	26,160	60,800
Flouring-mill products .....	15	45	102,700	10,420	227,632	271,183
Glassware .....	1	21	55,000	37,732	27,217	77,500
Iron, forged and rolled .....	1	70	90,909	71,500	131,500	216,000
nails and spikes, cut, &c. ....	1	39	109,091	19,840	216,000	217,292
castings .....	6	82	76,200	35,500	43,150	103,300
Leather, tanned .....	4	8	6,325	1,567	14,380	18,728
curried .....	4	10	7,675	2,052	19,513	22,900
Liquors, distilled .....	5	11	14,000	850	7,522	14,150
Lumber, planed .....	2	1	21,800	4,040	14,850	21,750
sawed .....	2	33	33,400	8,210	33,535	64,030
Machinery .....	1	60	25,000	31,000	21,200	57,400
Masonry, brick and stone .....	2	27	3,000	10,600	12,920	26,900
Saddlery and harness .....	12	12	10,250	2,450	9,450	23,073
Sash, doors, and blinds .....	5	52	118,300	17,800	69,135	97,025
Tin, copper, and sheet-iron ware .....	10	22	26,400	5,000	32,171	47,850
Tobacco, cigars .....	7	17	3,200	2,084	8,212	17,532
Woolen goods .....	6	22	36,100	4,230	26,823	42,545
BROWN.						
Agricultural implements .....	5	20	23,300	11,550	8,660	38,440
Carriages and wagons .....	9	12	5,800	4,650	5,432	11,360
Clothing, men's .....	6	14	8,000	3,150	4,913	11,223
Cooperage .....	5	41	16,000	14,150	23,400	46,500
Flouring-mill products .....	4	12	33,500	2,117	56,440	66,781
Furniture .....	2	13	15,500	3,000	5,110	16,528
Iron, castings .....	1	10	15,000	3,480	4,560	10,240
Leather, tanned .....	3	11	17,400	5,000	39,165	46,580
curried .....	2	10	6,300	5,000	46,772	54,690
Liquors, malt .....	4	8	22,100	1,100	6,800	11,600
Lumber, planed .....	1	32	35,000	24,800	16,000	55,000
sawed .....	14	80	53,300	24,812	57,217	110,430
Marble-work monuments .....	3	9	3,900	3,680	4,325	10,395
Musical instruments, pianos .....	1	10	26,000	8,000	7,300	18,000
Saddlery and harness .....	11	42	7,750	4,550	34,771	54,012
Wood, turned and carved .....	3	19	1,850	2,865	10,100	15,000
Woolen goods .....	3	29	11,800	6,800	25,112	37,135
BUTLER.						
Agricultural implements .....	7	274	435,650	181,803	162,889	524,781
Boots and shoes .....	4	46	20,900	26,000	24,704	60,700

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
BUTLER—Continued.						
Bread and other bakery products...	11	29	\$13,935	\$6,586	\$34,853	\$62,497
Brick .....	5	27	10,100	4,300	4,698	14,340
Brooms and wisp-brushes .....	13	65	17,240	19,565	75,757	123,121
Carriages and wagons .....	26	111	49,916	25,728	25,049	83,748
Clothing, men's .....	24	107	50,740	29,095	70,968	139,172
Cooperage .....	10	49	8,675	11,550	18,750	40,917
Flouring mill products .....	14	56	270,000	23,630	800,162	912,389
Furniture, cabinet .....	1	22	11,800	4,236	4,331	16,935
Gas .....	1	8	60,000	7,000	5,200	27,260
Hardware .....	1	8	6,000	3,500	5,000	20,000
Hubs and wagon material .....	2	20	24,000	9,250	11,870	29,582
Leather, tanned .....	5	13	26,500	3,550	52,009	62,897
curried .....	4	10	13,500	2,850	64,262	71,948
Liquors, distilled .....	5	69	172,000	35,000	578,423	686,056
malt .....	4	29	68,000	16,895	84,924	157,491
Lumber, sawed .....	7	30	23,800	4,680	19,925	39,700
Machinery .....	3	37	63,200	19,336	24,222	69,500
Malt .....	6	32	163,146	18,022	223,285	259,100
Marble and stone work .....	2	37	30,000	5,775	15,450	35,000
Masonry, brick and stone .....	9	20	912	4,572	19,018	30,475
Meat, packed, pork .....	1	10	8,000	1,200	77,175	79,475
Millinery .....	1	14	5,700	800	2,687	11,470
Paper, printing .....	5	226	480,000	90,138	546,647	677,430
wrapping .....	6	150	355,000	61,780	321,460	530,300
writing .....	1	120	200,000	36,198	103,207	210,978
Printing, newspaper .....	5	22	29,000	9,370	9,955	31,052
Saddlery and harness .....	19	42	19,900	7,377	20,704	44,549
Sash, doors and blinds .....	6	82	110,640	35,128	31,052	76,785
Saws .....	1	32	75,650	10,050	40,724	85,598
Tin, copper, and sheet-iron ware .....	11	43	46,255	11,116	22,750	64,800
Tobacco, cigars .....	7	28	5,350	8,540	10,127	34,828
Woolen goods .....	2	64	107,000	25,434	84,761	130,100
CARROLL.						
Flouring-mill products .....	5	6	28,900	1,200	19,380	26,950
Leather, tanned .....	7	11	11,650	2,835	10,469	14,311
curried .....	5	6	5,755	250	8,750	11,717
Lumber, planed .....	3	8	7,400	290	7,650	10,300
sawed .....	2	9	6,600	600	6,950	10,500
CHAMPAIGN.						
Agricultural implements .....	1	12	15,000	7,500	14,750	26,250
Bread and other bakery products...	3	7	12,750	1,633	8,060	11,560
Carriages and wagons .....	15	76	51,600	26,230	39,942	95,100
Cheese .....	1	6	2,500	960	10,700	12,500
Clothing, men's .....	3	48	33,000	27,000	55,000	104,000
Flouring-mill products .....	20	54	144,900	15,974	324,620	395,487
Furniture .....	5	18	24,500	4,850	5,265	14,716
Glue .....	2	12	13,000	400	7,550	12,000
Leather, tanned .....	4	14	38,100	3,656	29,083	37,412
curried .....	2	8	22,500	2,450	26,752	31,640
Lumber, planed .....	3	29	32,334	13,500	54,060	75,400
sawed .....	20	65	60,400	12,575	59,034	108,297



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
CHAMPAIGN—Continued.						
Millinery .....	10	24	\$9,075	\$2,450	\$6,741	\$17,035
Printing, newspaper .....	2	15	9,000	5,200	5,985	15,400
Saddlery and harness .....	12	26	22,800	5,375	14,300	25,882
Sash, doors and blinds .....	3	25	12,166	11,200	21,714	41,700
Tin, copper and sheet iron ware ..	4	17	23,500	6,448	9,000	19,238
Wooden goods .....	2	23	35,000	7,200	22,310	33,250
CLARKE.						
Agricultural implements .....	11	750	708,573	479,500	675,267	1,494,100
Book-binding .....	1	9	10,000	2,000	5,700	10,000
Boots and shoes .....	4	30	5,000	16,546	11,890	37,438
Bread and other bakery products..	4	14	9,400	5,400	28,440	44,625
Brick .....	9	87	18,900	11,300	7,277	34,135
Carriages and wagons .....	18	109	89,500	38,900	30,541	113,344
Clothing, men's .....	7	64	33,400	20,400	45,404	79,745
Coffee and spices, ground .....	1	6	15,000	3,650	23,920	34,237
Cooperage .....	6	20	6,400	4,390	9,680	16,212
Flouring-mill products .....	16	48	228,100	16,150	379,402	406,726
Furniture .....	1	65	100,000	32,000	30,000	90,000
Gas .....	1	22	30,000	7,200	8,825	20,800
Iron, castings .....	5	96	114,000	62,192	137,548	246,000
Leather, tanned .....	4	14	19,000	3,900	19,500	25,130
curried .....	4	6	12,500	2,050	26,280	30,625
Lime .....	5	24	33,000	9,920	28,959	50,000
Liquors, malt .....	2	18	52,000	9,000	27,016	54,080
Lumber, sawed .....	4	13	7,100	1,610	9,875	19,900
Machinery .....	7	166	214,946	93,403	180,611	556,362
Paints, lead and zinc .....	2	14	57,000	5,780	51,700	100,600
Printing, newspaper .....	4	65	93,300	29,546	25,895	83,400
job .....	1	3	2,000	1,000	2,550	15,000
Saddlery and harness .....	4	22	5,900	9,000	15,308	29,583
Sash, doors and blinds .....	1	14	25,000	7,600	4,500	16,000
Stone and earthen ware .....	1	5	2,000	3,500	1,150	10,000
Tin, copper and sheet iron ware ..	5	23	15,000	7,736	11,756	24,600
Tobacco (not cigars) and snuff....	1	13	25,000	3,000	23,425	44,064
Woolen goods .....	2	80	90,000	26,800	75,900	148,300
CLERMONT.						
Carriages and wagons .....	25	54	19,585	8,607	9,487	34,920
Cooperage .....	22	85	10,695	17,578	21,735	55,907
Flouring-mill products .....	8	30	27,000	3,750	114,525	154,155
Furniture (not specified) .....	13	36	10,400	6,400	6,505	21,660
chairs .....	11	347	26,900	53,404	25,944	96,450
Hardware and saddlery .....	6	33	4,050	6,700	3,920	14,900
Liquors, distilled .....	2	18	49,500	14,100	103,506	220,687
Lumber, sawed .....	13	58	41,200	11,760	38,600	91,406
Saddlery and harness .....	13	21	3,800	2,090	5,042	13,537
Tin, copper and sheet iron ware ..	7	14	5,300	3,740	13,635	23,700
Woolen goods .....	1	20	25,000	5,137	22,538	28,484
CLINTON.						
Brick .....	15	54	12,500	6,820	5,406	28,080
Carriages and wagons .....	14	29	10,100	4,861	7,204	25,160



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
CLINTON—Continued.						
Flouring-mill products.....	15	38	\$54,900	\$7,963	\$141,285	\$294,015
Hubs and wagon material .....	1	12	2,000	1,500	5,300	10,000
Saddlery and harness .....	9	24	6,850	2,950	10,035	22,245
Sash, doors, and blinds .....	2	10	9,000	4,675	3,380	14,600
Woolen goods .....	2	21	17,000	2,000	16,744	20,225
COLUMBIANA.						
Agricultural implements .....	4	81	106,500	34,667	52,834	93,475
Boots and shoes .....	2	16	7,000	5,000	4,470	11,800
Brick .....	8	63	34,150	19,205	13,482	44,302
Carriages and wagons .....	20	59	22,500	11,900	11,942	43,535
Clothing, men's .....	11	73	17,500	16,100	44,400	83,500
Cooperage .....	6	17	6,850	5,400	7,580	15,820
Flouring-mill products .....	8	27	81,000	10,200	163,615	204,747
Furniture .....	8	21	11,600	2,750	4,610	15,083
Hardware .....	2	32	41,000	13,292	25,350	41,000
Iron, pigs.....	1	75	350,000	50,000	320,000	429,000
“ castings, (not specified).....	6	36	39,000	18,380	36,060	80,228
“ “ stoves, heaters, &c.....	4	77	173,000	52,400	77,590	192,520
Leather, tanned.....	17	28	42,900	4,090	41,076	51,323
“ curried .....	16	20	20,300	4,155	54,111	65,707
Lightning rods .....	2	6	2,000	600	25,200	35,000
Lumber, planed .....	4	16	22,500	4,000	22,750	37,870
“ sawed .....	9	27	24,425	5,005	29,760	47,450
Machinery, engines and boilers .....	6	124	205,000	72,580	68,321	233,450
Marble work, tombstones.....	5	14	8,800	3,725	8,635	19,200
Masonry, brick and stone .....	14	45	1,240	11,025	17,650	40,500
Printing, newspaper .....	4	23	26,900	0,150	10,037	29,400
Saddlery and harness .....	15	40	13,760	7,220	14,591	34,295
Stone and earthen ware .....	18	472	333,400	171,871	72,203	297,490
Tin, copper, and sheet-iron ware.....	12	27	14,300	6,100	14,418	34,950
Woolen goods .....	3	27	35,000	6,200	22,100	34,835
COSHOCTON.						
Carriages and wagons.....	7	26	12,800	7,850	14,060	35,840
Clothing, men's .....	5	16	6,300	4,262	9,768	18,635
Flouring-mill products.....	7	32	58,000	11,240	232,927	258,919
Leather tanned.....	5	8	7,600	1,400	6,495	11,135
Lumber, sawed .....	7	39	17,765	5,570	17,412	44,350
Paper, wrapping .....	1	10	1,800	3,809	4,421	11,000
Printing, newspaper .....	3	12	5,100	2,500	2,150	11,150
Sash, doors, and blinds .....	1	13	15,000	8,000	4,500	15,000
Tin, copper, and sheet-iron ware.....	6	17	5,000	2,400	7,361	13,100
Woolen goods .....	1	10	8,000	2,500	9,315	14,600
CRAWFORD.						
Agricultural implements .....	4	71	76,000	20,900	73,232	143,740
Carriages and wagons.....	8	31	10,829	7,815	5,037	24,515
Clothing, men's .....	10	88	11,580	13,100	19,599	39,750
Flouring-mill products.....	4	16	11,020	3,100	32,525	36,525
Furniture .....	15	40	13,800	7,675	9,726	25,980
Hubs and wagon material.....	2	39	41,000	10,100	15,770	37,825
Iron, castings.....	3	22	43,000	8,150	20,125	42,800

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands employed.	Capital.	Wages.	Materials.	Products.
CRAWFORD—Continued.						
Leather, tanned .....	7	18	\$11,012	\$3,263	\$15,817	\$22,849
curried .....	6	0	4,111	263	9,312	11,557
Liquors, malt .....	5	26	50,550	3,850	12,629	39,190
Lumber, planed .....	6	30	37,000	9,011	22,370	34,975
sawed .....	27	97	53,300	9,801	60,213	111,959
Machinery (not specified) .....	5	231	28,620	137,052	87,022	237,016
engines and boilers .....	1	116	227,000	71,037	59,563	130,600
Marble-work, tombstones .....	2	11	5,005	3,150	3,700	10,400
Masonry, brick and stone .....	24	62	1,090	5,601	19,960	35,951
Saddlery and harness .....	9	23	6,380	2,710	9,462	19,396
Sash, doors, and blinds .....	1	11	30,000	6,000	8,397	15,600
Tin, copper, and sheet-iron ware .....	10	32	15,600	6,837	14,200	30,390
Tobacco, cigars .....	4	10	2,460	4,288	3,690	12,411
Woolen goods .....	1	28	57,000	9,037	20,860	31,911
CUYAHOGA.						
Acids, sulphuric .....	2	20	3,000	14,400	9,800	63,800
Agricultural implements .....	3	115	259,000	66,500	54,900	115,500
Bags, paper .....	2	11	10,000	4,000	23,500	43,600
Boats .....	9	151	141,300	63,708	124,680	257,860
Bookbinding .....	3	24	25,000	14,000	30,340	41,024
Boots and shoes .....	9	123	67,200	69,372	58,157	202,292
Boxes, paper .....	1	17	8,000	7,000	5,590	20,000
wooden .....	3	32	10,800	10,800	8,920	34,000
Brass founding and finishing .....	2	34	64,500	10,900	29,510	63,200
Bread and other bakery products .....	20	109	79,700	41,624	173,220	283,114
Brick .....	23	188	42,800	44,870	31,938	113,700
Bridge-building .....	2	105	175,000	70,000	246,555	536,000
Brooms and wisp-brushes .....	5	31	7,500	8,000	29,092	51,651
Carriages and sleds, children's .....	2	8	4,500	1,700	3,520	10,000
wagons .....	47	226	162,200	97,102	90,151	264,296
Cars, freight and passenger .....	1	10	10,000	6,210	51,584	72,660
Cheese .....	14	44	40,450	8,687	153,469	202,565
Clothing, men's .....	53	412	195,850	125,887	251,417	510,745
women's .....	21	110	15,257	13,000	38,560	77,641
Coal-oil, rectified .....	16	201	520,000	120,759	3,611,030	4,233,065
Coffee and spices, ground .....	3	36	160,700	20,100	160,000	207,500
Coffins .....	2	13	19,000	5,300	4,650	24,515
Confectionery .....	7	34	41,350	9,800	24,490	53,920
Cooperage .....	63	600	233,700	20,769	678,001	1,051,785
Edge-tools and axes .....	2	59	85,000	35,877	55,000	96,000
Engraving .....	7	14	7,600	5,000	3,046	15,225
Files .....	3	24	26,400	10,000	9,610	23,030
Fish, cured and packed .....	1	17	25,000	3,000	14,680	20,820
Flouring-mill products .....	13	84	744,500	44,387	1,647,015	1,903,155
Food preparations, vegetable .....	3	4	5,400	480	10,430	15,500
Frames, mirror and picture .....	3	12	12,000	4,900	8,600	17,000
Fruit, canned and preserved .....	1	34	120,000	6,000	25,900	36,000
Furniture (not specified) .....	25	205	194,400	105,624	127,022	376,475
chairs .....	4	9	97,000	45,500	50,100	129,500
Furs, dressed .....	4	20	29,000	4,700	12,110	25,860
Gas .....	1	84	525,000	56,652	58,897	232,792
Gunpowder .....	1	25	150,000	18,000	69,125	165,000
Hair-work .....	5	12	9,500	3,410	22,788	31,280
Hats and caps .....	7	24	29,025	6,592	12,240	25,025

*Manufacturing Industry of Ohio—Continued.*

COUNTIES	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
CUYAHOGA—Continued.						
Ink, writing.....	2	11	\$3,000	\$1,560	\$15,302	\$30,500
Iron, forged and rolled.....	7	578	1,190,000	390,500	1,544,265	2,230,724
bolts, nuts, &c.....	3	157	175,000	43,000	160,442	222,000
nails and spikes, cut, &c.....	3	46	65,150	15,100	100,705	127,480
pipe, wrought.....	2	35	47,500	10,500	84,749	169,000
pigs.....	2	80	120,000	50,000	315,200	398,000
castings (not specified).....	12	320	808,000	232,950	614,421	1,037,000
stoves, heaters, &c.....	4	150	355,000	80,000	103,022	270,000
Jewelry.....	2	26	11,500	6,075	6,272	25,150
Lamps and lanterns.....	2	52	155,000	27,611	25,922	66,139
Leather, tanned.....	10	27	68,400	16,227	141,055	178,844
curried.....	9	20	48,200	10,081	101,754	115,814
dressed skins.....	2	14	29,000	6,160	27,650	42,000
Lightning-rods.....	1	9	150,000	7,000	55,000	150,000
Lime.....	3	30	36,700	19,750	56,384	85,400
Liquors, malt.....	27	117	449,500	58,200	238,151	511,050
vinous.....	3	23	64,000	4,500	29,810	46,700
Lumber, planed.....	7	62	69,000	30,628	118,100	183,300
sawed.....	32	102	80,900	22,124	72,000	170,512
staves, shooks, &c.....	2	12	3,500	1,150	125,350	132,400
Machinery (not specified).....	14	145	150,100	68,250	42,465	178,445
railroad-repairing.....	1	96	1,225,000	482,675	514,395	907,070
engines, boilers, &c.....	11	252	159,300	141,554	173,707	406,300
Malt.....	2	40	331,500	22,200	236,000	252,500
Marble and stone work (n. s.).....	1	30	23,980	9,300	8,539	27,600
tombstones.....	1	113	159,400	61,000	187,500	325,500
Masonry, brick and stone.....	1	46	13,400	19,700	31,500	86,000
Matches.....	1	140	250,000	30,000	36,000	110,000
Meat, cored and packed (n. s.).....	1	5	10,000	2,000	62,000	66,300
packed, pork.....	4	95	195,800	51,500	1,098,435	1,195,570
Millinery.....	5	17	5,350	2,400	8,750	16,040
Musical instruments, pianos.....	8	72	81,000	30,360	62,000	113,530
Paints, lead and zinc.....	4	33	185,000	21,000	132,100	244,400
Paper (not specified).....	1	146	300,000	45,000	225,000	412,000
wrapping.....	2	26	90,000	11,400	92,700	119,175
Patent medicines.....	1	13	15,000	1,920	8,650	19,900
Plaster.....	4	32	25,600	21,825	13,749	48,350
Printing, newspaper.....	9	94	91,500	60,300	45,598	151,740
job.....	5	44	54,500	26,512	79,150	118,550
Pumps.....	1	14	5,500	4,600	10,120	21,839
Roofing-materials.....	1	5	5,000	2,500	7,750	10,000
Saddlery and harness.....	37	82	41,330	23,700	53,770	115,400
Sash, doors, and blinds.....	8	189	314,500	93,400	198,524	314,500
Scales and balances.....	2	17	9,500	4,500	8,790	18,000
Sewing-machine fixtures.....	1	30	2,000	25,000	12,700	40,000
Sewing-machines.....	2	138	46,000	91,800	37,790	290,000
Show-cases.....	1	12	7,000	5,000	8,650	22,000
Soap and candles.....	2	8	18,000	2,800	25,905	44,400
Steel springs.....	1	50	70,000	25,000	65,000	100,000
Tin, copper, and sheet-iron ware.....	50	182	168,460	63,610	95,632	234,495
Tobacco (not cigars) and snuff.....	2	81	60,000	18,898	167,696	387,000
Tobacco, cigars.....	52	260	118,250	87,471	129,283	450,596
Upholstery.....	4	6	3,900	1,200	7,960	12,405
Varnish.....	1	5	20,000	2,000	8,000	23,000
Wooden ware.....	1	300	354,000	127,000	202,900	397,500
Woolen goods.....	1	124	251,000	35,090	118,512	211,100

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
DARKE.						
Bricks .....	7	39	\$17,300	\$4,795	\$2,874	\$23,030
Carriages and wagons .....	24	45	16,265	5,204	6,482	29,963
Clothing, men's .....	12	46	14,992	10,750	30,951	52,314
Flouring mill products .....	9	29	77,077	8,280	131,095	162,886
Furniture .....	6	19	11,060	5,450	11,085	21,376
Leather, tanned .....	7	16	17,901	3,896	23,715	32,547
curried .....	7	10	10,899	2,300	30,267	37,762
Liquors, malt .....	3	8	23,000	1,078	7,866	19,150
Lumber, sawed .....	29	137	63,100	24,673	64,875	187,277
Machinery .....	1	11	15,000	4,464	7,080	16,848
Marble and stone work .....	1	12	4,000	5,500	3,000	13,000
Saddlery and harness .....	12	22	6,720	3,020	7,645	18,122
Sash, doors, and blinds .....	2	20	23,500	8,641	28,185	48,216
Tin, copper, and sheet-iron ware .....	6	12	12,800	1,575	6,938	14,684
Wood, turned and carved .....	1	13	6,060	4,000	6,700	37,700
DEFIANCE.						
Clothing, men's .....	5	14	7,000	3,900	5,506	11,500
Cooperage .....	6	20	10,270	1,295	4,600	14,999
Flouring-mill products .....	5	16	95,500	5,400	229,850	333,615
Furniture .....	3	13	9,500	3,400	1,854	11,030
Hubs and wagon material .....	2	92	73,000	36,500	46,300	118,000
Iron, castings, stove-ware, &c .....	2	32	45,000	29,250	30,405	74,000
Leather, tanned .....	6	17	10,500	4,800	24,532	33,013
curried .....	6	12	9,600	3,260	34,806	43,297
Lumber, sawed .....	10	82	55,400	11,862	42,620	94,660
Machinery .....	1	20	16,000	10,000	2,300	21,200
Oars .....	1	23	22,000	9,400	4,000	17,000
Woolen goods .....	1	12	20,000	6,000	14,100	27,000
DELAWARE.						
Agricultural implements .....	3	15	20,000	5,800	10,370	26,050
Bagging .....	1	185	150,000	45,000	72,000	125,000
Boots and shoes .....	4	22	8,000	10,500	9,900	35,675
Brick .....	10	71	12,800	7,293	2,677	24,564
Carriages and wagons .....	20	62	48,370	15,771	23,226	61,775
Clothing, men's .....	9	48	23,220	17,240	29,010	54,014
Cooperage .....	6	16	3,825	2,575	4,512	11,050
Flouring-mill products .....	8	26	79,200	9,040	212,055	248,972
Furniture .....	6	16	6,423	3,800	2,242	10,221
Gas .....	1	5	15,000	3,200	4,125	10,000
Iron, castings .....	2	8	16,500	3,072	8,203	13,700
Leather, tanned .....	3	5	4,500	1,120	14,289	18,533
curried .....	6	10	13,040	1,200	13,127	19,429
Liquors, malt .....	2	6	25,000	1,950	9,404	19,350
Lumber, sawed .....	9	26	16,100	2,820	15,752	29,979
Machinery .....	2	7	10,000	2,400	4,300	10,750
Masonry, brick and stone .....	4	21	1,300	7,480	18,335	28,715
Oil, vegetable, linseed .....	1	11	50,000	4,160	38,000	50,000
Paper, printing .....	1	37	50,000	20,000	28,570	69,300
Printing, newspaper .....	2	13	12,000	3,718	5,450	14,696
Saddlery and harness .....	10	23	7,915	4,940	12,075	22,361
Sash, doors, and blinds .....	7	12	15,000	5,000	5,000	16,000
Tin, copper and sheet-iron ware .....	7	18	10,300	3,900	8,552	17,336



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
DELAWARE—Continued.						
Tobacco, cigars .....	4	14	4,050	4,696	4,340	11,631
Woolen goods .....	4	21	17,200	3,190	24,830	35,165
ERIE.						
Agricultural implements .....	1	14	\$25,000	\$6,000	\$23,090	\$32,000
Ashes, pot and pearl .....	2	5	3,500	2,300	5,050	12,500
Boots and shoes .....	3	13	8,000	8,600	10,485	28,300
Bread and other bakery products ...	6	22	8,400	3,900	14,346	23,000
Carriages and wagons .....	9	34	34,900	14,722	8,137	31,175
Cars, freight and passenger .....	2	70	65,000	4,800	44,200	92,200
Clothing, men's .....	25	78	27,770	15,500	72,775	109,780
women's .....	5	22	1,300	1,400	9,850	13,900
Cooperage .....	20	135	52,516	35,500	51,450	114,300
Cutlery and edge-tools .....	2	38	80,200	20,900	47,940	101,800
Fertilizers .....	1	16	28,000	4,000	4,000	12,000
Fish, cured .....	13	251	92,500	77,250	351,550	519,560
Flouring-mill products .....	6	33	285,000	13,812	365,700	412,375
Furniture .....	7	23	34,350	14,375	11,900	39,420
Gas .....	1	8	75,000	6,000	6,200	35,200
Hubs and wagon material .....	2	282	256,000	135,000	122,000	296,000
Iron, castings .....	2	34	45,000	7,200	27,660	69,000
Leather, dressed, skins .....	2	6	25,400	2,008	5,850	10,600
Lime .....	4	13	20,675	4,500	16,550	25,000
Liquors, distilled .....	4	13	9,300	3,800	14,750	23,400
malt .....	4	22	110,000	10,700	34,750	114,180
vinous .....	33	86	294,900	20,000	113,215	219,150
Lumber, planed .....	3	19	19,000	6,944	107,800	123,000
sawed .....	7	49	43,284	13,876	75,067	130,500
Machinery, (not specified) .....	2	49	42,000	27,500	90,000	142,000
railroad-repairing .....	1	100	150,000	72,000	48,400	120,400
engines and boilers .....	2	71	60,000	41,400	42,036	86,200
Marble and stone work .....	17	17	440	-----	6,800	17,300
Masonry, brick and stone .....	42	60	1,770	6,950	37,471	82,115
Meat, packed, pork .....	2	24	15,800	7,700	32,530	52,000
Millinery .....	7	15	3,100	2,010	7,250	13,820
Paper, printing .....	1	30	72,800	12,520	41,850	90,400
Plaster .....	1	8	75,000	2,500	7,000	28,000
Printing, newspaper .....	4	37	32,000	20,250	16,635	53,500
Saddlery and harness .....	9	30	10,100	10,395	14,870	31,250
Sash, doors, and blinds .....	3	59	74,700	24,800	39,180	73,728
Ship-building .....	15	36	9,570	7,700	13,882	36,420
Tin, copper, and sheet-iron ware ....	10	31	31,000	14,165	28,125	52,000
Tobacco, cigars .....	7	21	18,650	8,700	15,120	46,070
Upholstery .....	3	8	1,655	2,784	3,651	11,000
Wheelbarrows .....	1	20	20,000	7,500	10,500	27,000
Wood, turned and carved .....	4	190	126,900	93,015	135,400	326,500
FAIRFIELD.						
Agricultural implements .....	4	54	36,150	25,920	20,330	59,170
Brick .....	4	30	5,900	5,388	1,655	13,400
Carriages and wagons .....	12	70	24,850	24,250	25,130	81,665
Clothing, men's .....	9	110	26,525	14,180	41,244	63,527
Flouring-mill products .....	13	41	145,500	8,360	221,039	300,028
Furniture .....	3	13	16,950	3,800	2,125	10,454

*Manufacturing Industry of Ohio.—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
FAIRFIELD—Continued.						
Gas.....	1	6	2,500	2,960	4,410	10,450
Iron, castings.....	4	17	20,500	6,940	9,440	21,865
Leather, tanned.....	7	24	25,790	7,650	71,295	84,497
curried.....	7	23	25,790	7,650	91,387	100,591
Liquors, malt.....	4	20	36,000	7,300	20,175	33,080
Lumber, planed.....	2	12	14,500	5,500	16,525	27,100
sawed.....	9	58	20,000	4,350	23,350	49,116
Marble-work, tombstones.....	3	13	6,800	4,980	2,951	11,727
Masonry, brick and stone.....	4	40	2,925	16,760	4,600	24,350
Millinery.....	4	11	4,800	1,762	5,125	12,300
Printing, newspaper.....	2	18	11,000	6,200	3,490	10,775
Saddlery and harness.....	12	28	6,350	6,855	10,720	22,206
Tin, copper, and sheet-iron ware....	5	11	5,950	5,454	6,741	14,760
Woolen goods.....	4	33	35,100	6,200	17,930	28,955
FAYETTE.						
Boots and shoes.....	2	13	13,000	4,573	8,490	22,594
Brick.....	10	47	10,950	7,330	3,769	22,725
Carriages and wagons.....	7	27	10,000	14,220	10,000	33,675
Clothing, men's.....	6	22	9,650	6,788	10,800	22,950
Flouring-mill products.....	2	6	11,000	800	33,551	39,250
Lumber, sawed.....	4	14	7,500	2,740	23,100	38,100
Masonry, brick and stone.....	3	24	1,550	7,648	87,000	95,700
Saddlery and harness.....	5	14	7,400	4,841	7,950	20,776
Sash, doors, and blinds.....	1	10	7,500	6,240	7,160	17,500
Tin, copper, and sheet-iron ware....	2	5	10,800	2,066	8,088	12,101
Woolen goods.....	1	15	18,000	4,270	10,750	19,800
FRANKLIN.						
Agricultural implements.....	3	140	173,800	41,435	91,113	213,043
Banners, flags, and regalias.....	1	49	8,000	6,000	14,000	25,000
Bookbinding.....	4	118	25,000	26,630	107,135	165,500
Boots and shoes.....	2	153	35,000	82,250	176,297	271,800
Boxes, wooden.....	4	14	12,000	5,100	27,558	35,600
Brass founding and finishing.....	2	10	6,200	3,600	3,590	12,000
Bread and other bakery products....	12	60	10,525	21,207	77,400	119,049
Brick.....	3	95	16,000	27,344	7,333	51,975
Brooms and wisp-brushes.....	7	53	18,200	19,660	53,011	78,760
Brushes.....	2	463	145,400	69,524	144,336	258,030
Carriages and sleds, children's.....	1	48	70,000	13,000	25,000	71,686
wagons.....	32	147	102,535	64,170	53,527	164,700
Cars, freight and passenger.....	1	99	150,000	34,500	106,400	205,000
Clothing, men's.....	25	170	141,495	82,985	220,840	376,228
women's.....	15	39	4,125	5,748	34,250	46,620
Coal-oil, rectified.....	1	8	14,000	4,000	61,000	72,000
Coffee and spices, ground.....	5	8	12,000	2,100	48,776	61,000
Confectionary.....	11	25	6,900	6,208	46,773	62,150
Cooperage.....	8	38	11,550	8,968	5,530	21,045
Files.....	2	2	6,000	3,600	6,400	12,000
Flouring-mill products.....	6	22	65,500	7,200	120,635	144,371
Food preparations, vegetable.....	2	47	62,400	20,700	72,118	153,000
Furniture, (not specified).....	9	322	225,800	129,498	90,004	306,080
chairs.....	2	88	30,000	17,300	25,500	52,500
Gas.....	1	30	235,000	25,000	41,000	135,000



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands employed.	Capital.	Wages.	Materials.	Products.
FRANKLIN—Continued.						
Hardware .....	2	225	\$225,000	\$82,358	\$252,560	\$410,000
saddlery .....	1	125	97,500	32,250	113,120	205,000
Hubs and wagon material .....	1	163	85,000	50,000	80,000	200,000
Iron, forged and rolled .....	1	75	110,000	37,500	84,000	125,000
castings, (not specified) .....	5	137	177,500	63,709	126,245	221,800
stoves, heaters, &c. ....	2	52	37,000	16,180	24,300	48,500
Leather, tanned .....	9	19	17,350	3,830	23,403	33,980
curried .....	7	10	12,850	2,850	30,686	40,050
Liquors, distilled .....	1	26	45,000	18,000	117,448	333,901
malt .....	5	44	127,500	22,100	88,590	205,000
Lumber, planed .....	2	14	20,000	3,500	33,520	52,500
sawed .....	6	29	17,300	8,500	12,770	37,200
Machinery, (not specified) .....	5	102	99,950	54,719	101,793	207,394
engines and boilers .....	2	24	5,500	7,800	1,887	14,000
Marble and stone work .....	2	78	14,500	31,000	25,400	79,000
tombstones .....	2	7	10,700	3,000	7,400	23,625
Masonry, brick and stone, (n. s.) .....	4	53	9,000	19,600	33,200	60,000
Millinery .....	10	55	41,300	16,736	63,188	93,850
Mineral and soda waters .....	2	18	8,000	3,500	8,502	20,835
Oil, animal .....	2	5	9,000	2,250	17,654	17,500
Paper, printing .....	1	24	31,000	7,565	31,250	42,150
Printing and publishing .....	8	166	192,000	97,250	72,002	291,760
Pumps .....	2	8	4,900	2,908	3,800	11,900
Saddlery and harness .....	14	40	19,650	15,410	27,634	59,978
Sash, doors, and blinds .....	3	28	7,400	11,700	10,553	52,000
Saws .....	1	37	54,000	15,000	39,600	75,000
Soap and candles .....	2	4	11,000	2,250	21,400	25,000
Tin, copper, and sheet-iron ware .....	23	80	43,550	26,294	37,002	92,608
Tobacco, cigars .....	13	49	10,050	14,331	16,544	45,578
Trunks, valises, and satchels .....	1	2	10,000	9,000	16,000	30,000
Upholstery .....	2	5	5,000	2,250	9,750	17,000
Vinegar .....	2	5	13,000	1,980	21,135	27,035
Wire .....	1	14	10,000	4,000	48,500	60,000
Woolen goods .....	2	60	81,000	19,200	44,950	86,850
FULTON.						
Carriages and wagons .....	9	22	12,750	5,650	7,061	20,245
Cheese .....	2	7	5,000	700	9,180	13,800
Clothing, men's .....	3	8	6,300	1,425	13,000	21,200
Cooperage .....	4	13	7,200	5,700	5,661	17,100
Flouring mill products .....	7	26	56,400	8,075	170,055	201,360
Leather, tanned .....	4	6	11,700	1,200	5,730	12,055
Lumber, sawed .....	21	91	64,200	19,696	72,038	148,360
Saddlery and harness .....	5	9	7,600	950	5,700	10,500
GALLIA.						
Clothing, men's .....	2	13	6,000	4,646	6,600	13,650
Cooperage .....	7	24	8,410	8,109	5,346	16,566
Flouring mill products .....	5	49	112,000	10,233	357,926	389,635
Furniture .....	1	43	40,000	11,000	10,400	25,500
Iron, pigs .....	1	150	128,776	29,065	46,000	84,200
castings .....	2	19	27,000	5,100	8,840	21,576
Leather, tanned .....	2	5	10,000	2,200	9,063	12,550
curried .....	2	4	6,000	1,400	13,469	16,000

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
GALLIA—Continued.						
Lumber, planed .....	4	30	\$17,200	\$7,540	\$17,365	\$28,672
sawed .....	6	27	16,200	6,222	15,581	29,680
Machinery .....	1	15	24,000	5,400	19,550	32,200
Sash, doors and blinds .....	1	12	12,000	6,100	8,700	22,500
Tin, copper and sheet-iron ware ...	2	8	4,100	2,500	5,430	11,030
Woolen goods .....	3	75	90,200	18,750	60,709	86,900
GEAUGA.						
Boxes, wood .....	8	17	8,150	2,265	3,895	14,283
Carriages and wagons .....	12	19	6,050	1,350	3,875	11,550
Cheese .....	27	140	91,700	19,911	500,733	587,701
Flouring-mill products .....	4	6	18,500	150	54,060	60,858
Lumber, sawed .....	3	12	6,700	1,150	13,457	18,600
Saddlery and harness .....	6	15	4,050	3,200	6,800	13,115
GREENE.						
Agricultural implements .....	2	20	3,100	3,000	4,700	10,400
Bagging .....	2	85	56,137	13,899	70,328	91,799
Bread and other bakery products ..	5	16	13,300	5,083	29,608	44,256
Brick .....	8	41	13,400	6,590	6,970	22,766
Carriages and wagons .....	21	77	41,810	20,095	24,841	65,740
Clothing, men's .....	8	46	11,775	10,838	31,111	53,613
women's .....	13	22	2,400	1,492	28,740	36,921
Cooperage .....	2	38	8,200	9,665	14,193	33,231
Cordage and twine .....	1	32	8,000	13,000	20,700	37,500
Flax, dressed .....	2	16	9,000	6,162	4,750	16,450
Flouring-mill products .....	11	41	98,300	12,163	337,762	398,735
Furniture .....	6	17	7,800	3,320	3,050	11,300
Gunpowder .....	1	30	100,000	18,720	56,200	110,000
Leather, tanned .....	1	7	22,000	2,772	32,183	38,500
curried .....	1	8	12,000	3,693	40,468	47,000
Lime .....	5	27	10,700	5,800	11,300	21,480
Liquor, distilled .....	1	8	33,000	4,000	67,258	162,000
malt .....	1	7	25,000	2,880	11,450	16,176
Lumber, planed .....	1	6	4,500	2,496	6,275	12,000
sawed .....	8	26	42,800	10,000	18,040	47,560
Marble work and tombstones .....	1	10	10,000	4,800	7,000	17,000
Masonry, brick and stone .....	7	34	5,132	8,670	26,402	42,188
Oil, vegetable, linseed .....	3	19	61,000	6,160	148,864	186,655
Paper, wrapping .....	1	13	15,000	3,400	7,800	17,000
Printing, newspaper .....	2	19	14,000	6,412	5,668	19,620
Saddlery and harness .....	8	21	14,020	4,688	8,770	21,395
Tin, copper and sheet-iron ware ...	8	22	8,500	4,942	14,895	28,175
GUERNSEY.						
Carriages and wagons .....	13	35	12,900	6,530	7,227	29,635
Clothing, men's .....	8	19	2,900	900	9,000	12,470
Flouring-mill products .....	6	19	53,500	3,337	105,200	129,946
Leather, tanned .....	7	13	12,033	1,160	12,019	15,845
curried .....	5	9	3,217	860	13,336	15,051
Lumber, sawed .....	6	20	8,500	3,420	18,063	33,891
Saddlery and harness .....	10	17	4,200	1,943	6,137	11,981
Salt .....	2	9	21,000	2,800	8,220	15,500

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
GUERNSEY—Continued.						
Sash doors, and blinds.....	2	9	\$9,000	\$3,800	\$6,280	\$13,450
Tin, copper, and sheet-iron ware...	6	11	12,300	900	6,325	15,286
Woolen goods .....	2	14	13,000	1,700	8,185	13,050
HAMILTON.						
Agricultural implements .....	6	82	101,300	46,190	77,189	168,625
Awnings and tents.....	4	18	3,700	3,600	6,999	16,425
Bags, paper.....	2	40	15,000	13,800	89,322	115,000
" other than paper.....	2	23	23,000	4,400	43,250	54,000
Banners, flags, and regalias.....	3	29	9,000	6,100	6,650	24,000
Bells .....	1	2	2,500	1,000	4,000	12,000
Belting and hose, (leather) .....	4	70	90,600	37,114	240,745	334,463
Billiard and bagatelle tables .....	2	86	103,000	62,346	139,996	276,034
Bleaching and dyeing .....	2	18	4,000	10,000	4,000	27,000
Blocks, pumps, and spars.....	1	8	5,000	3,000	1,610	15,000
Boats .....	4	192	375,000	99,381	89,375	237,980
Bookbinding .....	16	308	273,800	146,150	324,519	666,170
Boots and shoes.....	48	1,042	352,900	487,983	667,757	1,444,340
Boxes, cigar .....	9	74	7,100	18,600	26,395	62,110
" packing.....	8	146	277,562	82,784	194,820	307,875
" paper .....	5	35	8,700	10,572	11,060	36,600
Brass founding and finishing .....	12	177	174,000	98,513	119,108	290,765
Bread and other bakery products..	97	409	190,135	134,563	601,160	1,081,563
Brick .....	29	267	95,300	84,782	51,749	219,869
Broom and wisp-brushes.....	12	29	11,150	5,172	23,995	40,234
Brushes .....	7	55	11,300	18,369	16,905	50,608
Carpets, rag .....	8	21	6,560	3,990	10,827	19,443
Carriages and wagons.....	85	958	647,387	414,850	310,415	1,117,615
Car fixtures and trimmings.....	1	44	42,000	29,068	39,263	103,000
Cars, freight and passenger.....	1	123	130,000	70,000	204,465	289,920
Cement .....	1	26	1,000	1,200	5,560	10,000
Charcoal .....	1	6	10,000	3,300	20,190	26,000
Chromos and lithographs.....	4	122	223,000	99,500	94,800	312,000
Cider .....	2	12	25,500	6,300	20,312	36,050
Clothing, children's.....	2	131	26,000	28,500	57,500	98,875
" men's .....	208	7,542	3,236,750	1,599,248	5,416,120	8,599,075
" women's .....	26	595	95,850	86,942	199,713	383,041
Coal-oil, rectified .....	1	10	50,000	9,000	218,050	250,000
Coffee and spices, ground .....	4	55	56,000	25,344	272,648	316,140
Coffins .....	6	188	292,178	96,515	92,041	340,850
Coke .....	2	10	17,000	3,768	12,300	18,375
Collars and cuffs, paper .....	1	10	3,000	1,500	8,600	11,000
Confectionery .....	23	252	214,100	90,614	316,668	520,060
Cooperage .....	77	455	128,725	199,068	242,197	564,634
Cordage and twine.....	9	148	78,200	45,347	83,039	165,202
Cotton goods, (not specified) .....	1	171	90,000	25,000	17,050	46,000
" batting and wadding .....	1	26	100,000	11,000	110,879	147,085
" thread, twine, and yarn.....	1	130	250,009	40,000	150,960	200,250
Drugs and chemicals.....	12	142	444,700	68,990	268,762	477,300
Enameling .....	1	6	8,000	2,667	8,075	15,000
Engraving .....	8	47	7,700	16,250	7,460	50,750
" and stencil-cutting .....	7	30	13,600	10,800	3,525	29,400
Excelsior .....	2	15	9,000	3,518	5,354	16,350
Explosives and fire-works .....	1	71	30,000	12,500	22,000	40,000
Flouring-mill products .....	26	117	344,650	49,274	830,699	1,024,671

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands employed.	Capital.	Wages.	Materials.	Products.
HAMILTON—Continued.						
Food preparations, animal .....	4	20	\$12,200	\$12,120	\$91,813	\$110,933
vegetable .....	2	70	264,500	35,776	282,533	352,333
Frames, mirror and picture .....	3	212	203,000	99,500	71,430	249,000
Fruits, canned and preserved .....	4	156	58,000	23,000	53,200	152,000
Furniture, (not specified) .....	80	2,742	3,340,215	1,373,064	1,032,668	3,584,782
chairs .....	20	475	248,300	164,622	196,167	432,953
Furs, dressed .....	1	11	15,000	3,600	16,000	36,000
Gas .....	1	280	2,223,500	193,352	143,160	584,320
Glass, stained .....	1	7	10,000	3,500	6,000	25,000
Glue .....	1	35	150,000	20,380	63,000	120,000
Grease and tallow .....	8	46	128,235	17,434	250,512	320,087
Hair-work .....	7	44	25,300	11,404	16,857	51,800
Hardware .....	12	160	181,566	76,828	66,817	188,525
saddlery .....	4	93	63,500	37,145	83,960	154,400
Hats and caps .....	8	104	49,150	32,500	61,295	146,800
Heating-apparatus .....	6	122	383,000	84,700	95,066	327,428
Hoop-skirts and corsets .....	3	18	6,200	4,616	26,570	54,800
Hosiery .....	4	20	9,000	5,700	9,400	21,700
Hubs and wagon material .....	2	128	247,000	81,705	117,300	302,050
Ink, writing .....	3	21	33,220	5,522	36,780	68,950
Instruments, professional, &c. ....	3	34	31,000	13,725	8,616	30,500
Iron, forged and rolled .....	4	740	1,256,500	501,400	1,106,000	1,844,640
bolts, nuts, &c. ....	5	179	149,560	43,593	114,333	198,530
railing, wrought .....	4	62	49,000	25,522	62,870	146,920
castings, (not specified) .....	17	777	1,122,500	495,080	708,300	1,602,223
stoves, heaters, &c. ....	11	1,081	1,280,000	588,887	601,153	1,717,831
Jewelry .....	8	219	120,164	155,950	144,216	338,900
Kindling-wood .....	2	16	6,200	5,100	12,400	22,800
Lead, pipe .....	2	16	35,000	8,900	90,184	139,000
Leather, tanned .....	25	202	731,500	104,935	759,566	977,473
curried .....	25	168	324,350	81,719	903,414	1,076,476
dressed skins .....	2	16	5,900	7,560	5,275	17,300
Lightning-rods .....	2	10	10,000	3,500	8,505	32,900
Liquors, distilled .....	10	213	1,148,000	123,296	1,542,164	2,714,114
malt .....	33	587	2,790,004	457,334	1,568,582	3,299,400
Lumber, planed .....	10	292	334,500	183,740	546,880	829,270
sawed .....	10	195	779,400	113,139	373,866	657,275
Machinery, (not specified) .....	25	830	1,565,986	509,411	792,410	1,612,377
cotton and woolen .....	1	11	10,000	4,000	1,480	12,000
fire-engines .....	1	17	16,000	8,417	10,949	25,100
railroad repairing .....	1	83	500,000	66,500	28,500	95,000
engines and boilers .....	14	697	917,953	407,583	930,276	1,556,116
Malt .....	6	39	192,500	13,100	273,310	326,940
Marble and stone work .....	15	477	798,300	224,660	268,623	607,338
tombstones .....	14	155	265,700	70,190	124,925	275,607
Masonry, brick and stone .....	8	92	46,900	62,200	272,277	392,636
Meats, cured and packed .....	2	32	14,000	9,000	35,282	48,000
Meat, packed, beef .....	3	9	64,000	3,897	154,728	172,510
pork .....	45	648	3,482,390	265,994	8,043,234	9,172,280
Millinery .....	21	178	39,550	33,236	49,159	112,013
Mineral and soda waters .....	10	92	78,000	32,244	62,497	154,800
Musical instruments, organs .....	1	11	3,500	5,000	3,053	12,000
pianos .....	1	5	3,000	1,900	3,000	10,000
Oil, animal .....	8	136	452,000	62,372	1,411,132	1,544,843
lubricating .....	1	4	10,000	3,000	49,100	60,000
vegetable, cotton-seed .....	4	48	78,000	18,600	205,400	260,900



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
HAMILTON—Continued.						
Paints, lead and zinc .....	4	108	\$348,000	\$69,800	\$396,030	\$503,880
Paper, (not specified) .....	1	10	30,000	5,100	35,500	48,000
printing .....	2	85	106,000	38,950	195,000	251,000
wrapping .....	3	42	170,000	18,500	129,140	184,250
Patent medicines .....	7	68	317,500	36,170	225,562	811,600
Patterns and models .....	7	17	4,200	4,782	1,745	14,936
Pencils and pens, gold .....	1	51	30,000	8,500	21,910	34,000
Plated ware .....	5	79	59,900	36,200	45,615	134,000
Pocket-books .....	1	7	3,000	3,000	4,000	16,000
Polishing preparations .....	2	12	4,100	3,592	3,320	11,185
Portable forges .....	3	21	15,900	9,230	10,475	44,930
Printers' fixtures .....	2	5	2,200	1,500	5,683	12,000
Printing and publishing, (n. s.) .....	22	952	1,380,400	762,365	780,767	2,366,100
job .....	27	242	178,500	104,726	146,702	395,222
Roofing materials .....	5	46	30,300	14,020	18,465	87,975
Saddlery and harness .....	46	305	184,966	95,533	230,307	442,494
Safes, doors, vaults, (fire-proof) .....	3	310	183,800	182,463	202,473	463,400
Sash, doors and blinds .....	13	442	545,100	239,388	515,020	933,960
Saws .....	4	73	151,620	36,059	75,601	141,585
Scales and balances .....	3	47	67,000	27,250	16,333	76,575
Sewing machines .....	1	96	50,000	156,000	41,888	340,000
Silverware .....	1	10	30,000	6,000	50,000	67,000
Soap and candles .....	14	313	882,900	132,108	2,039,108	2,502,539
Steel springs .....	1	3	6,000	1,068	14,024	17,000
Stone and earthen ware .....	7	140	95,450	45,788	34,500	125,532
Tin, copper and sheet-iron ware .....	83	614	427,105	237,110	511,907	1,188,947
Tobacco, (not cigars) and snuff .....	28	593	212,330	156,111	399,828	774,073
cigars .....	175	1,449	454,030	443,800	521,673	1,378,484
Trunks, valises and satchels .....	15	226	127,200	99,980	160,660	344,400
Trusses, bandages, &c .....	2	11	4,000	3,000	1,000	10,000
Type-founding .....	2	269	280,000	143,000	105,125	308,597
Umbrellas and canes .....	3	34	14,700	8,950	15,800	34,000
Upholstery .....	18	147	81,696	50,134	140,285	323,250
Varnish .....	2	21	85,300	9,860	142,847	167,524
Vinegar .....	8	20	29,150	5,620	70,598	102,995
Watch-cases .....	3	17	21,500	5,025	39,240	55,600
Willow-ware, &c .....	7	22	6,850	6,112	3,645	15,825
Wood-brackets, moldings, &c .....	2	12	3,875	4,100	10,021	21,100
Wood, turned and carved .....	9	45	12,040	10,610	7,819	43,525
Wood-work, miscellaneous .....	1	31	6,000	10,000	26,420	56,000
Woolen goods .....	4	99	171,000	43,560	120,200	209,800
Worsted goods .....	2	85	56,000	14,750	151,240	180,000
HANCOCK.						
Boots and shoes .....	2	13	6,250	4,600	8,154	13,360
Carriages and wagons .....	10	43	11,750	11,158	12,894	41,069
Clothing, men's .....	2	13	7,000	4,900	18,000	28,000
Coopeage .....	2	8	3,550	2,277	6,400	10,275
Flouring mill products .....	12	46	70,200	8,826	233,654	332,260
Furniture .....	8	24	13,000	4,750	6,942	20,662
Iron, castings .....	2	23	9,000	4,097	4,826	12,070
Leather, tanned .....	4	8	6,150	925	6,460	10,097
curried .....	4	4	2,450	475	11,000	12,710
Lumber, planed .....	1	12	12,000	4,150	11,300	20,000
sawed .....	20	77	45,200	12,051	65,027	112,068

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
HANCOCK—Continued.						
Machinery, engines, and boilers.....	1	8	\$12,000	\$4,604	\$12,000	\$17,300
Masonry, brick and stone .....	2	18	4,040	4,580	7,844	14,324
Oil, vegetable, linseed .....	1	16	19,000	4,552	67,185	74,400
Printing and publishing.....	2	15	19,000	4,000	3,800	13,800
Saddlery and harness .....	6	20	5,250	3,500	12,252	24,469
Tin, copper, and sheet-iron ware.....	4	16	8,300	4,100	10,191	18,803
Woolen goods .....	1	10	35,000	4,792	20,552	23,400
HARDIN.						
Boots and shoes .....	3	15	12,500	3,100	12,057	23,900
Carriages and wagons.....	6	31	12,300	6,100	8,740	21,800
Cooperage .....	3	48	12,000	19,600	21,300	45,200
Flouring-mill products .....	4	17	32,900	5,575	128,205	151,578
Furniture .....	5	16	12,000	4,965	3,262	11,100
Leather, tanned .....	4	12	9,800	2,050	9,396	14,412
Lumber, planed.....	2	7	6,500	940	5,500	13,000
sawed .....	35	207	133,500	45,359	159,023	392,171
Saddlery and harness .....	4	14	4,400	2,260	5,200	10,740
Tin, copper, and sheet-iron ware.....	6	14	6,800	2,340	5,318	11,800
HARRISON.						
Carriages and wagons.....	7	16	5,700	1,650	2,750	11,000
Clothing, men's.....	10	34	23,650	5,450	12,460	33,855
Leather, tanned.....	7	18	16,500	3,700	19,907	28,159
curried .....	7	8	8,400	1,450	29,909	34,056
Lumber, planed.....	2	15	28,000	4,100	10,000	16,850
sawed .....	3	18	7,700	2,600	19,000	46,000
Woolen goods .....	2	17	15,500	2,160	7,910	19,900
HENRY.						
Carriages and wagons.....	4	20	3,750	4,048	4,256	20,184
Flouring-mill products.....	2	7	9,500	1,525	108,000	125,000
Lumber, sawed .....	25	197	106,820	25,690	73,960	186,430
Tin, copper, and sheet-iron ware.....	4	9	10,300	2,026	3,575	10,400
Woolen goods.....	1	16	20,000	3,000	8,776	12,770
HIGHLAND.						
Carriages and wagons.....	16	75	46,475	20,483	22,336	81,285
Clothing, men's.....	2	14	1,200	2,000	7,100	11,700
Flouring-mill products.....	12	32	57,000	5,230	163,717	195,216
Iron, castings.....	1	3	6,000	1,225	6,552	12,000
Leather, tanned .....	3	11	22,600	3,833	17,304	22,825
curried .....	3	7	15,000	2,617	15,876	19,597
Liquors, distilled .....	2	47	154,000	21,500	91,850	224,700
Lumber, planed.....	1	12	5,275	7,000	6,844	18,000
sawed .....	9	32	16,600	4,897	27,035	59,903
Machinery.....	1	6	8,000	2,451	11,000	17,755
Marble-work, tombstones.....	2	7	7,300	3,700	3,750	10,300
Saddlery and harness .....	10	25	8,000	4,800	10,694	20,900
Tin, copper, and sheet-iron ware.....	6	14	7,000	2,445	8,944	17,990
Woolen goods.....	4	31	34,400	3,508	23,233	35,690



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
HOCKING.						
Flouring-mill products.....	3	10	\$34,000	\$4,800	\$25,300	\$35,565
Furniture.....	3	17	21,300	9,000	3,300	19,275
Iron, pigs.....	1	15	40,000	5,500	57,500	70,000
Leather, tanned.....	3	6	7,961	1,333	20,257	23,450
curried.....	2	5	6,539	1,467	22,565	25,300
Lumber, sawed.....	9	49	30,400	8,550	15,960	37,500
Woolen goods.....	1	12	15,000	4,000	11,930	18,390
HOLMES.						
Agricultural implements.....	3	48	50,825	1,957	40,305	59,600
Flouring-mill products.....	11	19	63,400	3,080	88,038	105,815
Furniture.....	1	6	15,000	2,600	10,600	16,800
Lumber, sawed.....	2	6	5,400	1,350	4,650	10,125
Woolen goods.....	3	19	10,500	1,450	8,515	13,636
HURON.						
Agricultural implements.....	5	19	15,000	5,625	7,703	23,250
Boots and shoes.....	2	10	3,500	4,600	7,800	17,600
Carriages and wagons.....	12	30	10,300	7,450	7,418	22,060
Cheese.....	2	14	4,500	1,700	34,300	44,000
Cooperage.....	12	135	59,700	57,475	81,947	169,489
Flouring-mill products.....	7	33	87,400	8,750	351,981	421,627
Iron, castings.....	5	23	38,500	12,650	20,583	56,790
Leather, tanned.....	5	10	10,250	1,910	14,835	19,887
curried.....	5	8	9,250	1,660	20,337	26,000
Liquors, distilled.....	4	53	347,000	30,350	327,855	456,990
malt.....	1	11	60,000	4,000	23,000	45,185
Lumber, planed.....	2	6	7,333	2,200	8,767	18,500
sawed.....	15	63	39,500	13,850	35,884	72,490
Machinery.....	2	7	14,200	3,075	6,710	12,920
Malt.....	1	5	20,000	1,800	20,500	23,875
Saddlery and harness.....	12	23	7,300	8,265	6,610	15,950
Sewing-machines.....	1	68	75,000	37,000	13,955	88,496
Tin, copper, and sheet-iron ware.....	7	15	6,000	2,930	4,417	11,675
JACKSON.						
Charcoal.....	4	308	74,500	97,740	.....	115,732
Flouring-mill products.....	5	15	30,100	3,628	71,322	81,492
Iron, pigs.....	13	1020	1,204,500	341,153	37,073	1,233,084
Lumber, sawed.....	7	50	21,300	8,262	19,788	54,160
Woolen goods.....	1	11	12,500	2,900	9,329	13,960
JEFFERSON.						
Boots and shoes.....	2	16	3,000	6,600	4,788	15,100
Brick.....	3	37	22,000	13,893	4,505	24,711
Carriages and wagons.....	15	48	17,600	8,685	8,975	30,750
Cars, freight and passenger.....	1	152	150,000	100,000	120,000	220,000
Clothing, men's.....	11	47	22,750	14,450	20,631	47,982
Coal-oil, rectified.....	1	5	18,000	2,400	34,800	41,200
Coke.....	4	16	24,000	6,550	37,602	46,500
Flouring-mill products.....	5	15	37,500	5,300	67,620	86,335
Furniture.....	5	18	8,600	2,700	4,340	14,265

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
JEFFERSON—Continued.						
Gas .....	1	4	\$34,000	\$3,000	\$16,500	\$20,858
Glassware .....	1	101	40,000	40,000	49,200	110,000
Iron, forged and rolled .....	3	264	670,000	182,250	640,570	910,418
nails and spikes, cut, &c. ....	1	80	200,000	41,000	552,503	614,842
pigs .....	2	144	495,000	103,000	330,002	581,657
castings (not specified) .....	1	18	50,000	10,400	29,800	45,000
stoves .....	1	12	10,000	8,000	5,300	16,400
Leather, tanned .....	6	12	22,700	2,450	17,610	26,175
curried .....	2	3	9,000	950	17,745	19,808
Liquors, distilled .....	1	15	25,000	6,850	93,750	134,400
malt .....	2	13	12,000	3,500	10,050	30,568
Lumber, sawed .....	3	23	13,700	3,468	29,460	56,025
Machinery .....	3	36	79,000	21,664	46,402	82,069
Marble-work, tombstones .....	2	16	4,500	8,400	6,412	20,000
Paints, lead and zinc .....	1	4	16,000	1,600	7,140	10,000
Paper, printing .....	1	80	200,000	36,000	136,000	260,000
Printing, newspaper .....	2	29	26,500	11,000	9,543	31,950
job .....	1	9	9,000	4,500	5,900	12,000
Saddlery and harness .....	7	15	4,300	2,150	5,179	10,220
Sash, doors, and blinds .....	1	12	5,000	5,000	8,500	16,560
Tin, copper, and sheet-iron ware....	6	13	4,100	1,500	4,510	12,375
Tobacco, cigars .....	7	32	5,400	5,640	11,136	31,544
Woolen goods .....	5	79	95,500	16,400	60,761	130,830
KNOX.						
Carriages and wagons .....	24	74	32,500	14,815	30,455	63,220
Clothing, men's .....	10	77	31,550	22,500	61,000	101,980
Flouring-mill products .....	8	24	88,600	3,400	115,475	159,400
Furniture .....	8	42	17,900	12,920	20,000	46,350
Iron, castings .....	4	92	103,000	50,550	120,635	253,610
Leather, tanned .....	6	13	15,400	2,900	21,860	32,258
curried .....	2	4	7,800	1,200	14,233	17,825
Lumber, sawed .....	13	45	35,200	6,500	98,700	156,750
Machinery, engines and boilers .....	2	176	198,000	100,000	514,500	618,000
Masonry, brick and stone .....	4	22	7,800	3,900	4,900	18,300
Millinery .....	4	14	4,900	1,400	6,600	13,000
Oil, vegetable, linseed .....	1	8	21,000	2,000	28,000	40,000
Saddlery and harness .....	13	27	6,950	4,380	12,575	25,776
Sash, doors and blinds .....	4	13	6,100	2,400	8,200	19,532
Tin, copper, and sheet-iron ware....	7	25	14,700	9,881	26,263	47,270
Woolen goods .....	3	33	39,000	7,750	20,275	40,700
LAKE.						
Boots and shoes .....	2	7	3,000	1,900	5,090	10,850
Carriages and wagons .....	15	58	68,150	25,410	13,244	59,470
Drugs and chemicals .....	1	2	8,000	2,250	23,000	27,600
Explosives and fire-works .....	1	6	17,000	6,750	50,100	83,200
Fences, patent .....	1	33	3,000	2,000	17,000	40,000
Flouring-mill products .....	7	25	89,500	7,750	220,450	263,829
Furniture .....	6	17	30,100	6,200	25,075	44,420
Iron, castings (not specified) .....	3	12	16,400	4,425	6,363	13,500
stoves, heaters, &c. ....	1	28	35,000	16,000	16,360	38,142
Leather, tanned .....	2	5	8,500	2,500	10,535	16,800
Lumber, planed .....	3	11	14,000	3,000	42,025	47,520

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed	Capital.	Wages.	Materials.	Products.
LAKE—Continued.						
Lumber, sawed .....	13	33	\$24,100	\$4,400	\$28,011	\$49,923
Machinery .....	3	23	39,400	11,838	29,408	50,226
Masonry, brick and stone.....	15	15	1,025	—	46,500	56,150
Sash, doors, and blinds .....	3	16	12,500	7,600	13,100	24,000
Tin, copper and sheet-iron ware .....	7	20	16,900	5,050	11,835	22,620
Tobacco and cigars .....	1	45	40,000	16,000	41,450	84,600
cigars .....	2	15	12,500	9,500	10,087	23,500
Woolen goods.....	2	19	37,000	6,500	19,435	32,900
LAWRENCE.						
Bread and other bakery products ..	2	5	2,000	1,850	14,617	19,460
Charcoal.....	11	46	150,700	169,957	109,733	378,055
Clothing, men's.....	3	17	18,000	6,300	25,000	39,000
Cooperage .....	11	78	16,000	23,859	34,465	66,287
Flouring-mill products .....	4	13	15,500	2,005	68,667	85,537
Iron, forged and rolled .....	4	557	482,250	248,992	478,360	805,370
nails and spikes, cut, &c .....	1	70	150,000	42,500	336,000	397,000
pigs .....	14	1,037	1,301,250	413,121	849,111	1,589,962
castings, (not specified) .....	1	15	20,000	8,475	11,813	26,000
stoves .....	2	122	150,000	85,000	69,250	220,600
Lumber, planed.....	2	16	30,000	10,056	36,000	50,000
sawed .....	7	76	44,670	28,790	58,450	129,606
Machinery, engines and boilers .....	1	25	20,000	14,125	15,000	34,300
Saddlery and harness .....	3	10	5,600	2,510	7,236	13,930
Tin, copper and sheet-iron ware ....	4	10	7,500	5,200	6,887	17,891
LICKING.						
Brick .....	9	76	13,600	10,430	6,140	28,020
Carriages and wagons.....	20	71	45,525	17,050	19,362	59,781
Clothing, men's.....	6	45	15,850	15,896	39,600	71,500
Coal-oil, rectified.....	1	6	20,000	3,700	38,000	50,000
Cooperage .....	3	19	4,700	7,160	5,225	15,500
Flouring-mill products.....	3	9	39,000	3,550	88,950	99,630
Gas .....	1	4	43,500	2,100	3,225	16,370
Iron, castings, (not specified).....	4	112	138,200	50,115	180,480	286,340
stoves, heaters, &c.....	2	10	17,500	4,720	4,750	12,505
Leather, tanned .....	13	31	37,550	7,720	39,610	55,430
curried .....	9	11	11,600	1,075	23,213	28,635
Liquors, distilled.....	1	12	30,000	9,000	52,000	65,800
malt.....	3	14	22,400	5,845	9,857	25,826
Lumber, planed .....	1	5	6,000	3,200	6,600	14,000
sawed .....	10	47	21,910	6,243	25,069	52,024
Machinery, engines and boilers.....	2	100	112,300	57,242	49,890	180,300
Marble-work, tombstones .....	2	8	2,700	3,500	5,800	17,000
Millinery .....	2	9	8,000	2,200	7,000	12,365
Printing and publishing .....	2	13	11,000	4,800	4,525	14,060
Saddlery and harness .....	12	26	7,550	5,150	7,585	18,933
Sash, doors, and blinds .....	1	6	18,000	4,500	3,400	11,412
Tin, copper and sheet-iron ware.....	6	16	14,300	4,740	8,940	19,850
Tobacco, cigars .....	4	22	3,900	5,200	8,753	20,917
Woolen goods .....	1	24	60,000	10,000	33,000	60,000

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish-ments.	Hands em-ployed.	Capital.	Wages.	Materials.	Products.
LOGAN.						
Bread and other bakery products ..	2	6	\$15,580	\$1,700	\$9,075	\$12,200
Carriages and wagons .....	21	64	27,950	12,600	19,375	63,918
Clothing, men's .....	9	28	6,900	5,490	12,035	33,390
Cooperage .....	10	23	6,050	4,200	4,656	15,625
Flouring-mill products .....	12	34	114,750	8,870	281,058	331,600
Furniture .....	11	31	16,750	6,150	6,120	19,342
Leather, tanned .....	0	11	20,500	2,740	13,871	22,075
curried .....	3	7	11,400	1,160	20,935	24,324
Lumber, sawed .....	14	99	51,916	25,025	35,912	84,621
Machinery .....	2	11	10,000	6,000	7,500	17,250
Saddlery and harness .....	13	24	8,400	2,020	9,024	22,610
Tin, copper and sheet-iron ware ..	8	20	10,320	4,325	13,999	25,300
Tobacco, cigars .....	2	7	1,200	2,850	4,250	13,450
Woolen goods .....	4	12	35,200	3,000	25,002	37,195
LORAIN.						
Agricultural implements .....	4	30	11,200	4,720	11,459	21,925
Boots and shoes .....	2	10	800	3,000	3,930	12,100
Carriages and wagons .....	16	91	49,336	35,544	26,604	85,256
Cheese .....	24	91	65,200	11,900	209,478	236,794
Clothing, men's .....	15	75	52,050	20,150	53,000	97,025
Confectionery .....	1	6	3,000	1,200	12,576	18,629
Flouring-mill products .....	5	18	48,500	5,336	146,426	164,759
Furniture (not specified) .....	10	31	27,400	7,549	9,340	25,100
chairs .....	1	30	12,000	13,000	8,650	25,000
Grindstones .....	1	90	20,000	20,000	15,000	42,000
Hubs and wagon material .....	2	62	40,650	33,600	24,168	87,240
Iron, railing, cast .....	1	8	8,000	4,400	2,275	11,000
pigs .....	1	20	40,000	9,000	31,418	62,000
castings .....	4	14	13,500	2,275	6,536	12,708
Lumber, planed .....	5	24	24,400	5,430	28,300	39,700
sawed .....	21	62	41,100	10,716	61,640	111,200
Machinery .....	3	14	7,500	7,000	9,180	20,100
Masonry, brick and stone .....	4	16	110	3,000	14,425	19,750
Printing, newspaper .....	4	19	10,000	5,064	3,355	14,694
Saddlery and harness .....	15	33	12,950	6,045	15,692	30,834
Sash, doors and blinds .....	2	17	16,500	7,200	8,600	23,300
Tin, copper and sheet-iron ware ..	10	31	20,250	9,275	20,871	41,770
Tobacco, cigars .....	5	25	11,180	6,358	11,840	25,595
Wood-work, miscellaneous .....	4	22	25,000	9,400	11,600	23,215
LUCAS.						
Agricultural implements .....	2	30	85,000	10,300	28,000	65,000
Boxes, tobacco .....	1	15	8,000	2,500	20,000	24,000
Bread and other bakery products ..	4	31	15,175	9,176	33,794	67,058
Bridge-building .....	1	22	15,000	12,000	14,500	40,000
Carriages and wagons .....	12	44	18,400	18,930	19,880	54,795
Coal-oil, rectified .....	1	4	10,000	3,500	36,200	45,000
Coffee and spices, ground .....	1	16	50,000	8,400	62,400	73,000
Cooperage .....	16	89	70,475	31,600	46,615	101,209
Files .....	1	22	25,000	10,000	12,000	35,000
Flouring-mill products .....	6	53	240,000	32,400	1,252,300	1,419,665
Furniture (not specified) .....	3	36	16,300	18,000	4,350	31,200
chairs .....	3	170	165,000	69,000	93,400	205,000



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands employed.	Capital.	Wages.	Materials.	Products.
LUCAS—Continued.						
Gas .....	1	35	\$300,000	\$26,700	\$18,110	\$97,402
Hubs and wagon material.....	1	60	73,000	28,750	35,000	80,000
Iron, pigs.....	1	35	150,000	7,500	50,700	65,000
castings .....	4	59	130,000	29,400	51,255	92,730
Leather, tanned .....	5	14	26,425	6,540	60,260	82,548
curried .....	4	11	19,025	5,540	70,838	85,880
dressed skins.....	1	11	10,000	5,600	12,500	22,250
Liquors, malt.....	5	56	660,000	38,440	167,775	288,422
vinous .....	1	15	10,000	800	36,500	43,000
Lumber, sawed .....	12	273	310,000	161,650	212,472	443,490
Machinery, (not specified).....	3	29	21,000	13,000	38,350	65,300
engines and boilers .....	2	34	50,000	18,690	14,000	42,000
Malt .....	1	4	30,000	2,400	10,500	21,000
Masonry, brick and stone.....	9	19	275	1,620	3,300	10,000
Oil, vegetable, linseed.....	1	17	60,000	5,000	200,000	223,200
Paper .....	1	23	30,000	8,000	38,000	50,000
Sash, doors, and blinds.....	7	290	214,000	123,000	177,900	401,600
Ship building and repairing.....	2	49	35,600	30,400	3,560	62,400
Soap and candles.....	2	12	5,500	3,800	11,590	23,000
Tobacco (not cigars) and snuff.....	4	281	208,800	82,300	799,910	1,053,870
cigars .....	2	30	10,000	13,440	27,020	53,200
Trunks, valises, and satchels.....	1	21	9,000	12,000	43,000	65,000
Wooden ware.....	1	41	25,000	29,400	34,432	75,000
MADISON.						
Boots and shoes.....	2	12	2,200	3,276	3,957	12,895
Carriages and wagons.....	10	30	11,500	9,090	8,250	25,629
Clothing, men's.....	5	17	9,130	4,548	16,300	24,724
Flouring mill products.....	1	2	4,500	600	11,400	14,090
Lumber, planed.....	1	12	14,000	8,000	16,950	27,350
sawed .....	5	25	9,700	8,198	18,260	41,738
Saddlery and harness.....	9	25	6,836	4,629	12,241	22,854
Woolen goods.....	1	28	52,000	10,000	39,622	72,000
MAHONING.						
Brick .....	3	23	13,100	9,100	12,450	28,457
Carriages and wagons.....	24	92	39,825	33,102	27,121	88,912
Cooperage .....	2	9	10,200	5,000	7,270	18,100
Flax, dressed .....	6	61	29,500	20,860	23,935	61,400
Flouring mill products.....	5	25	139,500	9,825	201,720	242,435
Furniture .....	3	12	11,500	3,890	2,884	11,200
Gas .....	1	5	45,000	4,250	2,194	15,293
Iron, forged and rolled.....	2	426	800,000	328,758	1,283,260	1,909,690
bolts, nuts, washers, &c.....	2	53	43,000	23,000	97,552	191,800
nails and spikes, cut, &c.....	1	35	200,000	25,000	293,330	328,640
pigs .....	7	622	1,549,300	469,258	2,364,870	3,424,425
castings .....	4	52	88,500	39,092	75,702	131,450
Leather, tanned .....	12	17	17,601	2,585	21,509	30,439
curried .....	12	14	9,399	1,514	32,181	37,999
Liquors, malt.....	3	17	60,800	7,550	2,304	54,603
Lumber, sawed.....	27	78	61,000	19,705	56,160	126,279
Machinery, (not specified).....	1	17	20,000	12,000	5,450	18,000
engines and boilers.....	2	46	24,000	27,500	17,300	68,200
Saddlery and harness.....	8	14	6,800	2,700	7,167	15,343

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
MAHONING—Continued.						
Tin, copper, and sheet-iron ware.....	6	17	\$10,550	\$4,250	\$9,412	\$22,130
Tobacco, cigars.....	2	10	13,500	6,300	9,200	24,470
Woolen goods.....	3	24	29,000	3,640	8,535	15,543
MARION.						
Agricultural implements.....	2	9	5,500	2,300	4,235	13,600
Boots and shoes.....	1	13	2,925	5,200	9,128	20,618
Carriages and wagons.....	15	39	23,730	13,049	12,907	43,406
Clothing, men's.....	2	21	16,300	7,964	20,212	33,971
women's.....	5	17	4,000	2,029	11,200	19,289
Confectionery.....	1	2	1,000	1,000	7,950	10,400
Flouring-mill products.....	3	7	17,000	1,414	49,314	61,886
Furniture.....	3	9	10,500	3,602	3,400	11,445
Iron, castings.....	1	5	8,875	1,900	6,490	13,900
Leather, tanned.....	4	7	5,125	1,728	11,575	14,710
curried.....	4	8	6,375	1,846	15,622	19,295
Lumber, sawed.....	15	60	50,200	15,318	47,365	112,752
Machinery.....	1	17	26,625	5,700	27,566	36,300
Saddlery and harness.....	7	15	9,950	2,790	9,106	18,906
Sash, doors and blinds.....	1	5	5,000	2,800	5,100	11,600
Tin, copper, and sheet-iron ware.....	6	11	12,100	2,020	8,993	14,850
MEDINA.						
Agricultural implements.....	5	12	16,906	4,759	4,738	17,146
Carriages and wagons.....	9	39	72,575	10,039	9,426	30,745
Cheese.....	12	34	28,595	6,295	86,631	106,627
Clothing, men's.....	2	20	9,000	5,300	8,600	15,260
Flouring-mill products.....	2	3	8,000	400	16,425	22,925
Jewelry.....	1	10	10,000	2,500	1,400	10,000
Leather, tanned.....	4	6	8,150	1,200	7,995	11,255
Lumber, planed.....	1	8	6,410	4,000	31,500	42,000
sawed.....	19	55	35,400	6,813	53,131	101,720
Paints, lead and zinc.....	1	4	20,000	2,100	6,860	20,000
Saddlery and harness.....	10	23	9,300	2,650	10,075	18,033
Sash, doors, and blinds.....	2	6	6,000	1,025	10,715	23,123
Woolen goods.....	3	16	23,500	2,900	9,335	17,525
MEIGS.						
Carriages and wagons.....	8	20	9,200	2,700	4,767	20,245
Cooperage.....	17	115	30,088	32,755	41,689	88,540
Coppersmithing.....	1	4	2,500	1,150	32,800	39,680
Flouring-mill products.....	7	31	103,000	8,764	153,800	177,365
Furniture.....	6	18	11,550	5,040	6,490	23,206
Iron, forged and rolled.....	1	157	150,000	52,300	124,186	214,900
nails and spikes, cut, &c.....	1	28	17,000	4,700	20,164	28,757
castings.....	2	15	23,572	8,075	26,690	43,250
Leather, tanned.....	6	15	14,000	2,450	14,584	20,600
Liquors, malt.....	2	8	15,000	2,700	7,350	17,400
Lumber, planed.....	1	3	5,000	1,000	2,525	10,000
sawed.....	12	78	35,700	13,670	28,670	66,545



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
MEIGS—Continued.						
Machinery, engines, and boilers.....	2	45	\$71,267	\$24,875	\$36,648	\$78,971
Printing, newspaper .....	3	11	10,500	4,117	3,030	10,700
Saddlery and harness .....	9	19	11,920	3,550	7,083	17,590
Salt. ....	16	265	755,904	107,029	215,552	502,815
Sash, doors, and blinds .....	2	27	7,400	13,200	13,080	31,060
Ship building and repairing.....	1	250	90,000	125,100	40,000	180,000
Tin, copper, and sheet-iron ware...	5	15	8,600	5,975	10,038	22,300
Woolen goods.....	1	53	82,000	18,000	34,800	65,372
MERCER.						
Brick .....	13	55	7,605	2,965	4,444	15,655
Flouring-mill products .....	1	2	8,000	800	17,550	21,210
Hubs and wagon material.....	1	7	5,000	2,080	6,200	12,000
Lumber, sawed .....	11	45	39,100	7,160	40,526	106,577
MIAMI.						
Agricultural implements .....	1	31	34,289	21,600	32,110	102,500
Boots and shoes .....	9	57	30,000	23,400	24,835	65,114
Bread and other bakery products ..	3	8	1,925	2,345	5,991	10,585
Brick .....	11	53	24,850	7,980	6,795	37,505
Carriages and wagons .....	18	78	59,241	32,507	18,035	81,900
Clothing, men's .....	13	102	84,225	31,630	62,850	115,750
Cooperage .....	5	31	13,800	11,420	15,151	36,442
Flouring-mill products .....	18	55	181,491	14,944	433,461	525,277
Furniture .....	10	65	51,100	20,810	20,060	79,795
Gas .....	1	4	25,000	2,650	3,000	13,600
Hubs and wagon material .....	1	23	24,000	12,000	4,400	30,000
Iron, castings .....	3	13	18,711	6,900	16,730	33,000
Leather, tanned .....	5	13	14,366	3,384	30,688	39,075
"    curried .....	4	6	9,134	2,066	27,570	31,525
Lime .....	6	17	2,550	2,092	3,407	11,000
Liquors, distilled.....	4	51	160,000	24,100	322,645	571,314
"    malt .....	4	10	35,020	4,057	23,910	42,740
Lumber, sawed .....	8	20	26,100	4,350	32,370	58,100
Machinery.....	2	17	28,000	7,800	17,160	30,500
Malt .....	5	13	20,980	4,243	33,017	46,275
Marble and stone work, (n. s.).....	7	54	11,300	27,800	7,060	51,600
"    "    "    tombstones.....	2	10	4,700	4,700	5,600	15,040
Masonry, brick and stone .....	8	24	3,200	7,400	14,300	36,800
Oil, vegetable, linseed .....	3	28	258,667	12,328	243,990	291,699
Printing, newspaper .....	4	18	13,500	8,100	3,751	15,300
Saddlery and harness .....	7	23	6,850	5,325	11,190	23,045
Sash, doors, and blinds .....	5	79	65,000	33,700	55,020	106,550
Tin, copper, and sheet-iron ware...	10	30	32,900	8,365	24,523	49,700
Tobacco, cigars .....	5	29	8,600	9,860	10,132	28,610
Woolen goods .....	3	58	98,000	25,100	69,525	141,075
MONROE.						
Cheese .....	29	63	8,550	5,695	26,802	39,505
Flouring-mill products .....	7	24	37,500	3,470	66,925	83,335
Furniture .....	7	14	4,650	1,000	10,135	17,225
Leather, tanned .....	12	23	24,800	5,670	37,877	51,278
"    curried .....	12	25	12,300	5,320	49,288	61,831

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
MONROE—Continued.						
Lumber, planed .....	1	9	\$7,500	\$2,500	\$10,205	\$16,500
sawed .....	7	27	11,900	2,850	16,200	29,320
Woolen goods .....	1	11	8,000	1,500	5,960	11,660
MONTGOMERY.						
Agricultural implements .....	14	518	651,600	256,117	413,443	1,134,215
Bagging .....	1	14	7,300	1,500	10,800	18,900
Boots and shoes .....	2	14	11,000	6,400	9,025	21,800
Boxes, wooden .....	6	22	7,200	3,540	9,031	16,040
Bread and other bakery products .....	12	44	26,150	11,164	49,219	81,031
Brick .....	17	108	31,200	20,550	17,900	71,048
Bridge building .....	1	18	8,500	3,000	22,680	36,300
Brooms .....	4	9	3,850	1,200	6,488	10,800
Carriages and wagons .....	34	224	191,220	80,740	53,301	238,752
Cars, freight and passenger .....	2	415	520,000	315,500	630,368	1,080,868
Clothing, men's .....	10	50	16,750	12,200	32,580	58,450
Coffins .....	4	13	9,400	2,150	4,280	14,581
Cooperage .....	24	145	70,278	53,870	65,518	139,612
Cotton goods .....	2	88	103,500	22,000	131,250	175,000
Flax, dressed .....	2	38	30,000	9,550	17,610	37,575
Flouring-mill products .....	25	100	357,900	37,981	1,234,983	1,428,454
Furniture, cabinet .....	6	34	27,500	12,775	13,830	35,595
chairs .....	2	39	26,000	16,600	16,050	39,000
Gas .....	1	30	126,000	19,600	18,190	90,462
Gine .....	1	12	20,000	3,000	16,400	25,000
Hubs and wagon materials .....	3	93	114,000	38,300	41,675	107,000
Iron, castings (not specified.) .....	12	217	420,700	90,700	210,511	399,405
stoves, heaters, &c .....	4	118	115,000	65,000	70,817	166,300
Lasts .....	1	39	40,000	20,000	11,850	71,000
Leather, tanned .....	8	60	111,330	30,329	137,744	216,778
curried .....	5	19	29,300	9,611	109,128	138,385
Liquors, distilled .....	8	68	278,000	32,596	407,700	573,860
malt .....	11	58	161,500	24,400	75,788	171,811
Lumber, planed .....	4	43	39,500	21,925	16,825	42,750
sawed .....	22	60	41,300	9,889	60,686	102,960
Machinery (not specified) .....	4	107	146,200	61,200	113,775	227,300
engines and boilers.) .....	10	174	289,500	93,750	232,565	406,953
Malt .....	2	10	59,000	2,400	43,750	48,900
Marble and stone work .....	7	102	125,900	56,900	59,200	146,950
tombstones .....	1	6	6,000	4,200	4,000	12,000
Masonry, brick and stone .....	7	24	6,040	6,306	17,996	29,469
Oil, animal .....	1	7	40,000	7,200	124,400	140,000
vegetable, linseed .....	7	71	566,500	33,000	608,411	720,811
Paints, lead and zinc .....	1	7	12,000	2,000	15,900	30,000
Paper, (not specified) .....	1	67	125,000	31,200	42,471	101,122
printing .....	1	74	230,000	25,000	188,300	236,800
wrapping .....	1	20	40,000	10,500	22,125	50,000
Patent medicines .....	1	42	75,000	20,000	28,275	150,000
Printing and publishing .....	6	118	135,000	66,100	80,000	171,000
Pumps .....	6	15	6,300	2,725	1,850	11,725
Putty .....	2	4	17,000	1,900	19,750	28,500
Saddlery and harness .....	13	43	23,702	11,780	22,330	48,500
Sash, doors, and blinds .....	4	107	145,000	54,509	64,090	197,785
Screws .....	1	57	200,000	2,000	30,000	60,000

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
MONTGOMERY—Continued.						
Soap and candles .....	1	10	\$25,000	\$7,000	\$101,740	\$140,000
Tin, copper, and sheet-iron ware....	16	92	45,975	51,743	54,705	129,847
Tobacco and cigars .....	1	52	20,000	25,000	23,500	75,000
(not cigars) .....	2	80	60,000	16,550	73,050	124,900
cigars .....	20	127	44,800	46,355	57,753	146,559
Varnish .....	3	17	85,500	13,300	108,995	184,500
Wood brackets, &c. ....	1	8	13,000	3,000	3,206	10,565
Woolen goods .....	2	13	15,500	150	4,316	10,170
MORGAN.						
Agricultural implements .....	2	22	51,000	5,450	12,080	39,950
Carriages and wagons .....	7	19	4,900	2,750	4,134	11,230
Clothing, men's .....	3	32	8,700	4,330	22,350	31,625
Coal-oil, rectified .....	2	5	20,000	2,000	20,669	29,200
Cooperage .....	10	21	3,925	2,445	5,967	13,996
Flouring-mill products .....	11	27	127,100	7,715	197,246	239,159
Iron, castings, stoves, &c. ....	1	10	10,000	8,000	10,276	18,700
Leather, tanned .....	4	8	13,600	1,324	14,846	19,300
curried .....	4	5	5,750	1,324	20,036	24,440
Lumber, sawed .....	3	12	5,300	975	13,845	22,800
Saddlery and harness .....	7	14	2,750	1,600	5,223	11,795
Salt .....	12	53	63,000	18,451	52,086	83,655
Sash, doors, and blinds .....	1	14	13,800	10,000	14,185	25,310
Tobacco, not cigars .....	1	43	10,000	5,000	29,600	46,000
cigars .....	3	33	6,800	5,800	5,056	15,000
MORROW.						
Carriages and wagons .....	7	36	24,675	14,106	12,714	41,500
Clothing, men's .....	2	25	14,000	4,500	19,000	30,000
Flax, dressed .....	1	16	19,000	4,000	5,000	15,000
Flouring-mill products .....	3	6	27,000	1,350	20,777	24,065
Furniture .....	2	7	9,700	4,400	2,350	12,200
Lumber, sawed .....	14	53	38,950	10,570	52,080	44,300
Saddlery and harness .....	8	13	5,750	1,420	8,261	15,577
Tin, copper, and sheet-iron ware....	4	6	15,500	2,200	5,982	10,975
Wood-work .....	1	1	300	.....	200	11,000
Woolen goods .....	1	7	9,000	1,600	8,130	11,800
MUSKINGUM.						
Agricultural implements .....	5	7	10,300	2,600	3,798	8,650
Boots and shoes .....	2	13	7,000	4,712	4,194	12,763
Brick .....	8	50	7,710	8,116	3,310	15,860
Carriages and wagons .....	19	61	16,930	18,445	19,386	52,920
Cars, freight and passenger .....	1	143	57,770	83,302	44,100	127,402
Clothing, men's .....	14	126	53,300	32,021	35,300	121,280
Coffins .....	3	15	11,350	3,550	10,500	25,400
Cooperage .....	9	28	4,700	4,660	6,479	14,000
Cotton goods .....	1	44	11,000	15,120	82,350	111,300
Flouring-mill products .....	13	48	154,400	18,580	384,977	477,806
Furniture .....	4	28	22,000	10,048	9,425	30,460
Gas .....	1	0	50,000	3,600	2,949	28,971
Glass plate .....	1	33	55,000	28,410	20,582	72,000
Glassware .....	2	114	45,000	32,550	25,390	93,360

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
<b>MUSKINGUM—Continued.</b>						
Iron, forged and rolled .....	1	100	\$176,000	\$85,635	\$166,247	\$258,000
pigs .....	1	40	50,000	10,500	51,780	64,960
castings, (not specified) .....	2	73	78,000	35,940	69,701	126,400
stoves, heaters, &c .....	2	39	58,000	24,494	19,550	56,750
Leather, tanned .....	9	24	50,400	6,575	41,550	60,280
curried .....	9	18	23,650	6,575	63,902	78,420
Lime .....	2	6	1,500	2,475	3,480	11,050
Liquors, malt .....	2	14	39,500	3,780	18,822	36,800
Lumber, sawed .....	2	21	12,200	5,850	11,675	27,950
Machinery, railroad repairing .....	1	47	20,000	27,952	17,100	45,052
engines and boilers .....	3	265	390,000	128,594	356,131	649,700
Marble-work, tombstones .....	3	37	29,805	16,466	16,656	43,000
Masonry, brick and stone .....	2	52	700	11,275	19,100	32,975
Millinery .....	4	13	7,800	1,100	6,090	12,400
Paper .....	2	38	42,500	15,500	36,942	76,000
Printing, newspaper .....	3	20	14,400	6,750	11,345	27,000
job .....	2	12	13,300	4,040	8,332	18,000
Saddlery and harness .....	11	20	5,290	3,110	6,827	15,780
Salt .....	8	30	33,000	10,600	13,409	29,162
Sash, doors and blinds .....	2	52	59,000	26,660	61,181	98,520
Soap and candles .....	2	12	26,200	5,300	77,920	103,460
Stone and earthen ware .....	31	97	22,950	20,790	14,636	79,225
Tin, copper and sheet iron ware .....	10	36	16,500	8,435	16,465	35,225
Tobacco, cigars .....	5	58	27,000	24,400	42,535	78,322
Wood, turned and carved .....	1	21	14,000	7,076	20,665	30,000
Woolen goods .....	3	41	66,000	12,290	45,770	74,240
<b>NOBLE.</b>						
Flouring mill products .....	4	12	13,200	1,750	48,689	64,684
Lumber, sawed .....	6	28	12,800	4,138	12,210	29,975
Saddlery and harness .....	10	18	3,600	1,350	8,041	15,620
Woolen goods .....	6	10	10,840	1,800	19,470	32,145
<b>OTTAWA.</b>						
Carriages and harness .....	4	23	15,600	7,500	7,100	22,100
Flouring mill products .....	2	12	30,000	3,000	54,220	72,238
Hubs and wagon material .....	2	18	12,000	3,000	38,000	55,000
Lime .....	1	17	4,000	4,530	6,600	15,000
Lumber, sawed .....	22	228	173,484	54,834	98,042	239,194
Wood, turned and carved .....	2	5	4,600	1,000	1,250	15,500
Wooden Ware .....	2	9	4,500	1,500	3,350	18,200
<b>PAULDING.</b>						
Iron, blooms .....	1	18	10,000	8,500	43,700	56,000
pigs .....	2	83	190,000	30,000	120,430	171,000
Lumber, sawed .....	12	80	45,500	15,000	33,055	80,050
<b>PERRY.</b>						
Carriages and wagons .....	6	17	3,625	2,260	3,923	10,200
Flouring mill products .....	3	11	17,000	2,700	48,345	59,442
Leather, tanned .....	4	5	6,200	500	11,492	14,320
curried .....	4	5	6,400	500	14,869	17,600



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
PERRY—Continued.						
Lumber, sawed .....	7	29	\$17,100	\$3,598	\$19,885	\$37,351
Stone and earthen ware .....	31	83	11,865	9,820	9,807	40,300
Woolen goods .....	2	13	10,000	1,366	8,270	11,500
PICKAWAY.						
Carriages and wagons .....	4	38	26,900	17,000	21,630	53,700
Flouring-mill products .....	7	17	48,350	3,175	94,654	110,569
Leather, tanned .....	1	4	17,000	3,164	17,250	23,300
curried .....	1	3	5,000	3,164	18,643	24,236
Liquors, distilled .....	1	15	50,000	10,000	68,333	120,260
Lumber, sawed .....	7	24	15,225	3,581	12,990	28,290
Machinery, engines, and boilers .....	1	16	17,500	8,300	17,700	30,000
Sash, doors, and blinds .....	2	34	22,000	16,140	28,200	49,868
Woolen goods .....	1	10	7,000	1,000	9,575	13,700
PIKE.						
Flouring-mill products .....	5	18	36,000	2,775	91,816	105,349
Leather, tanned .....	8	20	33,067	4,175	50,672	64,925
curried .....	7	12	18,342	2,247	46,766	54,961
Lumber, sawed .....	11	70	50,520	16,565	31,065	66,000
Marble and stone work .....	1	15	10,000	5,400	1,800	10,000
Sash, doors, and blinds .....	1	13	20,000	3,231	7,750	15,000
Woolen goods .....	1	8	9,000	1,800	8,850	11,100
PORTAGE.						
Boots and shoes .....	2	14	10,500	5,172	7,800	14,250
Boxes, wooden .....	3	17	6,500	2,300	2,775	12,000
Carriages and wagons .....	15	103	102,000	42,000	52,011	149,552
Cheese .....	23	100	58,200	16,773	196,237	242,424
Flax, dressed .....	2	15	5,700	4,375	5,250	12,700
Flouring-mill products .....	3	11	26,000	3,912	45,914	52,173
Furniture .....	3	31	14,500	10,600	5,145	19,000
Glass, plate .....	2	115	120,000	95,000	57,800	260,000
Hubs and wagon material .....	1	7	12,000	3,645	2,400	11,000
Jewelry .....	1	16	1,500	2,500	4,100	10,000
Leather, tanned .....	5	8	5,750	1,850	10,755	14,266
curried .....	5	5	4,150	1,300	15,100	18,208
Lumber, planed .....	4	16	16,500	3,725	29,800	36,300
sawed .....	21	65	51,450	14,634	53,845	106,033
Machinery, railroad-repairing .....	2	352	150,950	291,627	290,706	513,033
Pumps .....	1	6	4,000	2,000	4,800	15,200
Saddlery and harness .....	12	28	7,700	6,250	9,645	22,681
Stone and earthen ware .....	6	44	28,700	26,075	17,718	61,086
Tin, copper, and sheet-iron ware .....	7	23	5,900	5,450	8,534	17,430
PREBLE.						
Brick .....	12	65	20,710	11,360	6,143	29,770
Carriages and wagons .....	20	52	18,880	11,790	12,527	42,560
Clothing, men's .....	13	43	13,400	4,150	21,082	34,619
Cooperage .....	4	15	7,400	5,540	3,680	10,987
Flouring-mill products .....	10	30	123,100	8,240	274,930	331,115
Furniture, school .....	1	32	36,000	16,000	17,528	30,250

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands employed.	Capital.	Wages.	Materials.	Products.
PREBLE—Continued.						
Iron, castings .....	1	10	\$10,000	\$4,000	\$4,300	\$10,625
Lime .....	3	12	10,100	3,600	6,635	13,810
Lumber, sawed .....	20	74	56,800	14,995	40,017	101,196
Soap and candles .....	1	10	20,000	4,000	11,345	22,000
Tin, copper, and sheet-iron ware....	11	18	8,800	1,401	7,598	15,830
Woolen goods .....	2	13	11,500	1,000	8,275	11,185
PUTNAM.						
Carriages and wagons .....	8	14	4,050	2,890	4,686	12,985
Flouring-mill products .....	6	20	34,700	5,800	94,193	115,662
Lumber, sawed .....	14	48	41,700	12,415	23,165	64,150
Woolen goods .....	1	10	15,000	2,880	18,900	28,010
RICHLAND.						
Agricultural implements .....	5	426	553,000	240,188	431,600	918,740
Boots and shoes .....	4	15	8,500	7,945	13,000	28,700
Bread and other bakery products...	10	28	16,500	7,780	71,410	100,030
Brick .....	6	45	5,300	6,970	9,200	21,400
Carriages and wagons .....	24	69	36,875	21,329	24,532	65,507
Clothing, men's .....	12	75	39,600	27,980	84,000	133,550
Confectionery .....	1	3	500	900	12,200	16,500
Cooperage .....	14	29	12,260	7,960	11,010	31,570
Flouring-mill products .....	22	---	188,600	8,850	410,525	498,077
Furniture .....	12	32	53,200	12,890	17,290	44,000
Gas .....	1	6	50,000	3,120	3,480	10,375
Iron, castings .....	8	91	190,000	47,580	111,782	217,935
Leather, tanned .....	10	20	28,100	4,640	28,513	39,935
curried .....	4	6	5,700	1,260	16,251	19,875
Lumber, planed .....	3	10	19,000	3,900	15,900	25,500
sawed .....	18	38	45,260	4,635	42,175	72,920
Liquors, malt .....	3	9	46,000	5,472	17,435	37,600
Machinery, (not specified) .....	1	8	25,000	5,000	5,000	21,925
engines and boilers .....	2	7	57,000	3,800	11,400	22,450
Marble work, tombstones .....	4	15	9,300	6,960	4,900	17,500
Masonry, brick and stone .....	3	17	185	2,450	11,200	22,950
Millinery .....	3	8	3,300	2,730	6,800	11,400
Paper, wrapping .....	1	10	40,000	5,500	9,820	17,528
Printing, newspaper .....	2	16	14,500	6,812	8,500	18,716
Saddlery and harness .....	12	25	9,300	8,305	12,050	27,160
Sash, doors, and blinds .....	4	50	48,000	18,525	35,522	67,166
Tin, copper, and sheet-iron ware ...	10	33	36,680	10,800	24,655	29,330
Wood, turned and carved .....	2	5	13,500	500	8,200	11,500
Woolen goods .....	9	59	74,300	6,550	26,249	46,040
ROSS.						
Bread and other bakery products..	5	12	9,200	2,152	15,080	24,914
Brick .....	2	38	5,000	9,000	5,400	18,350
Carriages and wagons .....	23	68	26,650	17,805	18,385	61,123
Cars, freight and passenger .....	1	442	272,000	297,723	149,582	447,305
Clothing, men's .....	10	76	49,400	22,211	33,350	70,202
Cooperage .....	7	40	15,125	11,990	14,910	31,973
Flouring-mill products .....	10	57	145,800	20,145	629,127	825,963
Iron, castings .....	2	18	110,000	11,250	31,265	43,025



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Material.	Products.
Ross—Continued.						
Leather, tanned .....	10	34	33,450	9,960	76,219	97,597
curried .....	7	22	19,854	7,600	98,074	115,912
Liquors, distilled .....	1	52	100,000	15,000	137,000	172,800
malt .....	2	8	13,000	3,140	16,140	29,000
Lumber, planed .....	2	22	17,000	8,051	6,820	16,050
sawed .....	8	57	24,200	11,366	22,610	58,874
Machinery, engines and boilers .....	1	25	39,000	15,600	17,500	39,741
Paper, printing .....	2	45	52,500	15,600	51,586	104,800
Printing, newspaper .....	3	22	18,500	7,382	9,700	24,300
Saddlery and harness .....	15	35	21,265	7,170	10,563	25,264
Tin, copper, and sheet-iron ware .....	9	26	18,800	4,325	7,157	16,178
Tobacco, cigars .....	4	32	11,500	8,948	12,769	2,477
Woolen goods .....	5	37	21,700	8,000	20,548	35,245
SANDUSKY.						
Bread and other bakery products .....	3	6	2,400	1,350	6,040	10,300
Brick .....	5	42	6,600	6,344	2,150	13,475
Carriages and wagons .....	11	56	34,450	22,781	15,460	58,090
Cars, freight and passenger .....	1	8	1,200	5,500	15,000	20,500
Clothing, men's .....	7	29	7,750	8,135	23,100	36,700
Confectionery .....	1	6	6,000	1,400	12,000	15,000
Cooperage .....	7	24	12,175	7,383	14,199	29,002
Flouring-mill products .....	6	21	130,000	7,209	279,497	336,102
Furniture .....	6	35	6,950	15,187	8,800	46,087
Hubs and wagon material .....	1	30	40,000	9,000	6,000	25,000
Iron, castings .....	4	13	20,200	4,540	12,850	28,270
Leather, tanned .....	3	10	20,600	3,300	29,230	36,210
curried .....	3	10	14,400	2,800	16,212	20,550
Lime .....	4	25	30,000	7,100	10,775	26,500
Lumber, sawed .....	30	139	121,800	34,417	112,667	227,423
Machinery, engines and boilers .....	2	22	23,000	10,300	30,600	76,000
Marble-work, tombstones .....	4	10	5,600	1,195	4,000	10,650
Masonry, brick and stone .....	12	33	318	7,424	16,185	32,970
Meat, packed, pork .....	1	6	40,000	2,000	63,625	63,425
Saddlery and harness .....	7	18	6,454	5,710	11,500	21,025
Sash, doors, and blinds .....	4	50	67,000	21,300	47,600	86,000
Tin, copper, and sheet-iron ware .....	6	26	9,800	8,758	12,820	26,508
Woolen goods .....	1	12	15,000	3,000	15,350	32,400
SCIOTO.						
Boots and shoes .....	3	87	30,500	57,980	64,800	132,500
Brick .....	3	47	32,500	18,500	17,250	44,750
Carriages and wagons .....	8	28	20,700	9,555	8,517	27,692
Charcoal .....	5	160	50,000	54,200	69,000	123,200
Clothing, men's .....	7	82	30,800	15,928	47,122	74,260
Cooperage .....	10	25	2,750	6,716	3,589	16,675
Flouring-mill products .....	2	7	151,000	3,016	188,250	222,240
Furniture .....	7	42	23,100	21,955	12,393	47,500
Gas .....	1	8	44,000	5,300	3,600	14,000
Hubs and wagon material .....	1	45	25,000	20,000	20,000	48,000
Iron, forged and rolled .....	2	303	335,000	180,000	500,450	747,837
nails and spikes, cut, &c .....	1	8	25,000	5,000	55,700	61,837
pigs .....	6	433	175,000	163,500	291,975	553,000
castings .....	3	57	81,000	33,280	62,340	114,000

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands employed.	Capital.	Wages.	Materials.	Products.
SCIOTO—Continued.						
Leather, tanned .....	4	32	\$42,500	\$12,800	\$82,590	\$117,103
curried .....	2	16	21,000	7,900	73,175	89,000
Liquors, distilled .....	1	25	175,000	13,000	398,850	472,500
Lumber, planed .....	2	15	13,000	9,400	18,800	47,200
sawed .....	6	25	24,000	9,220	29,400	51,500
Machinery, engines and boilers .....	1	65	80,000	45,000	34,000	89,000
Marble and stone work .....	3	29	20,500	12,500	14,860	39,640
Masonry, brick and stone .....	1	24	3,500	9,500	5,400	17,300
Millinery .....	3	8	4,800	1,373	9,000	15,000
Printing, newspaper .....	4	15	10,700	6,700	5,781	23,060
Saddlery and harness .....	6	12	7,475	2,596	6,350	14,100
Tin, copper, and sheet iron ware .....	4	13	16,500	3,614	9,784	19,100
Tobacco and cigars .....	1	21	11,000	5,000	8,606	33,000
cigars .....	4	17	2,800	5,000	6,560	11,545
Wheelbarrows .....	1	11	3,500	5,465	3,535	10,000
Woolen goods .....	2	18	19,000	2,500	7,630	12,750
SENECA.						
Agricultural implements .....	4	46	34,150	21,925	27,475	81,150
Boots and shoes .....	2	15	13,000	4,400	4,592	12,850
Bread and other bakery products .....	2	10	4,000	2,100	6,160	11,500
Brick .....	4	40	9,500	7,300	4,030	15,600
Carriages and wagons .....	12	83	47,000	29,075	14,889	72,195
Clothing, men's .....	9	73	55,890	20,430	60,330	95,690
women's .....	4	25	3,450	3,350	6,410	14,165
Flouring mill products .....	7	24	96,000	6,566	209,945	235,903
Furniture .....	8	27	12,630	6,700	4,120	15,047
Gas .....	1	7	20,000	3,100	2,952	10,500
Hubs and wagon material .....	4	32	16,000	9,112	9,907	29,990
Iron, castings, (not specified) .....	5	24	51,000	9,900	15,606	29,900
stoves, heaters, &c. .....	1	53	100,000	19,000	47,650	106,390
Leather, tanned .....	4	11	16,890	1,875	12,395	15,675
curried .....	3	5	3,400	1,165	14,615	16,850
Liquors, malt .....	3	17	43,000	6,560	34,580	88,500
Lumber, planed .....	3	10	6,000	4,000	8,550	14,120
sawed .....	17	87	62,400	13,802	55,540	98,571
Machinery .....	1	10	40,000	4,000	8,550	14,120
Marble work, tombstones .....	2	13	5,000	4,500	4,200	17,100
Saddlery and harness .....	12	31	7,900	4,360	11,646	23,760
Sash, doors, and blinds .....	5	32	20,500	12,200	12,415	28,670
Tin, copper, and sheet iron ware .....	9	43	19,400	10,950	11,568	33,108
Wooden ware .....	1	26	20,000	14,000	12,820	29,215
Woolen goods .....	1	77	113,000	31,000	88,950	136,000
SHELBY.						
Agricultural implements .....	2	12	17,000	5,070	8,300	15,750
Carriages and wagons .....	14	36	11,360	7,973	6,304	25,186
Cooperage .....	3	55	31,560	30,380	17,402	106,645
Flouring mill products .....	7	20	75,300	6,040	138,484	163,057
Hubs and wagon material .....	1	9	1,500	2,600	4,000	15,000
Iron, castings .....	1	12	13,000	2,608	4,440	12,940
Leather, tanned .....	3	5	3,873	1,304	11,280	15,258
curried .....	3	6	4,727	1,626	16,018	18,600
Lumber, sawed .....	19	82	64,640	9,867	40,958	98,815

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Materials.	Products.
SHELBY—Continued.						
Tin, copper and sheet-iron ware . . . .	6	15	\$7,750	\$2,860	\$6,822	\$12,855
Woolen goods. . . . .	1	15	25,000	3,000	22,400	39,000
STARK.						
Agricultural implements . . . . .	22	1,170	2,287,850	748,103	1,791,845	3,609,491
Bagging . . . . .	1	60	35,000	25,000	18,325	60,000
Boots and shoes. . . . .	4	30	7,300	10,800	13,986	32,970
Brick . . . . .	12	124	22,700	23,750	10,180	54,100
Bridge-building. . . . .	1	7	10,000	3,000	4,700	12,000
Carriages and sleds, children's . . . .	1	30	50,000	10,800	21,700	35,000
wagons . . . . .	22	117	50,250	36,783	46,042	121,025
Clothing, men's . . . . .	17	91	25,625	22,650	52,350	95,850
Cooperage . . . . .	12	44	7,260	7,000	18,665	35,589
Flax, dressed . . . . .	1	17	6,000	3,000	10,500	22,400
Flouring-mill products. . . . .	19	75	285,000	18,410	485,888	586,787
Furniture . . . . .	12	76	74,200	22,285	14,332	68,609
Gas . . . . .	2	8	60,000	7,360	5,724	21,980
Hones and whetstones . . . . .	1	13	7,000	10,000	2,425	16,000
Hubs and wagon material . . . . .	1	12	16,000	5,000	4,350	14,000
Iron, forged and rolled . . . . .	1	180	350,000	118,000	592,700	780,000
pigs . . . . .	3	227	379,000	106,425	260,575	406,500
castings, (not specified). . . .	18	312	801,500	176,200	322,668	814,925
stoves, heaters, &c . . . .	2	35	55,000	20,400	25,620	62,375
Leather, tanned . . . . .	18	31	33,850	4,212	45,973	71,015
curried . . . . .	7	11	16,200	2,147	21,896	27,673
Liquors, malt . . . . .	11	43	83,400	7,240	38,443	84,906
Lumber, planed . . . . .	3	25	14,000	8,300	21,100	32,000
sawed . . . . .	30	100	70,200	20,375	81,491	169,091
Machinery, engines and boilers . . . .	4	13	10,200	3,720	10,750	19,500
Marble and stone work . . . . .	2	11	7,200	3,600	5,200	15,000
tombstones. . . . .	2	13	10,300	8,200	10,084	21,426
Masonry, brick and stone . . . . .	1	4	500	2,160	7,760	11,000
Paints, lead and zinc . . . . .	1	15	300,000	9,000	105,600	150,000
Paper, wrapping . . . . .	2	36	75,000	14,900	69,90	121,000
Pumps . . . . .	1	5	61,000	1,200	3,155	12,000
Saddlery and harness . . . . .	15	45	11,150	11,580	24,409	55,559
Sash, doors and blinds . . . . .	4	37	45,000	13,125	32,390	57,950
Soap and candles . . . . .	5	11	25,000	4,800	19,918	69,320
Steel springs . . . . .	1	15	50,000	8,750	16,000	35,000
Stone and earthen ware . . . . .	4	37	51,700	15,500	7,445	39,675
Tin, copper and sheet-iron ware . . .	21	84	44,000	19,829	41,357	83,555
Woolen goods . . . . .	5	43	66,800	8,200	47,633	68,208
SUMMIT.						
Agricultural implements . . . . .	5	537	1,227,000	342,200	826,900	1,906,300
Bagging . . . . .	1	97	36,364	32,146	93,600	218,100
Bags . . . . .	1	5	5,000	1,100	7,500	12,000
Boots and shoes. . . . .	1	7	1,000	4,000	4,000	10,000
Bread and other bakery products . . .	4	12	6,800	5,600	13,300	27,400
Brick . . . . .	10	159	82,100	58,731	36,998	231,810
Carriages and wagons . . . . .	23	119	80,270	48,620	51,590	131,825
Cheese . . . . .	11	42	42,100	7,601	151,561	171,752
Clothing, men's . . . . .	15	74	30,930	24,100	48,360	98,425

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
SUMMIT—Continued.						
Coal-oil, rectified .....	1	12	\$75,000	\$7,000	\$350,500	\$450,000
Confectionery .....	2	7	6,000	1,860	11,960	19,600
Cooperage .....	16	57	26,520	25,500	34,616	83,691
Cordage and twine .....	1	36	13,636	12,054	33,000	81,900
Cutlery and edge-tools .....	1	90	180,000	45,000	43,950	150,000
Flouring-mill products .....	10	73	260,300	37,280	828,960	971,502
Furniture .....	8	17	17,100	5,890	7,537	19,675
Gas .....	1	5	41,000	1,800	10,100	25,000
Hardware, saddlery .....	1	13	14,000	5,800	12,000	25,000
Iron, anchors and chains .....	1	101	25,000	50,000	24,800	90,000
castings, (not specified) .....	2	137	469,072	103,504	289,932	697,722
stoves .....	1	37	50,000	24,800	12,500	50,000
Kaolin and ground earth .....	6	12	19,000	3,900	12,295	25,254
Leather, tanned .....	9	20	38,244	7,301	51,494	67,700
curried .....	6	13	31,709	5,601	40,392	50,425
Lime .....	1	5	1,200	1,680	6,800	12,000
Liquors, malt .....	5	16	53,500	5,800	34,498	61,520
Lumber, sawed .....	15	44	55,300	12,925	59,935	99,061
Machinery, (not specified) .....	3	43	56,428	23,585	35,918	76,968
cotton and woolen .....	2	31	53,500	14,500	7,600	37,200
railroad repairing .....	1	30	50,000	22,000	20,000	42,000
engines and boilers .....	1	9	1,000	3,600	10,000	19,000
Marble and stone work (n. s.) .....	2	13	10,100	12,000	4,100	17,040
tombstones .....	2	16	10,800	8,900	6,300	19,000
Masonry, brick and stone .....	15	92	10,112	30,569	13,073	71,129
Matches .....	1	70	60,000	20,000	13,639	135,500
Meat, packed, pork .....	1	3	12,000	450	35,000	40,000
Millinery .....	15	34	10,200	5,944	21,770	40,282
Paper (not specified) .....	1	24	38,000	7,500	50,000	65,000
wrapping .....	2	46	82,000	24,410	133,808	170,500
Pipes, tobacco .....	1	19	5,000	5,000	1,455	10,000
Printing and publishing .....	2	26	24,000	13,700	12,200	39,000
Saddlery and harness .....	15	38	16,625	9,901	16,415	40,400
Sash, doors and blinds .....	2	21	117,800	13,200	52,400	104,500
Ship building and materials .....	5	32	4,000	14,100	13,150	34,000
Stone and earthen ware .....	26	224	149,700	95,750	76,285	256,721
Tin, copper and sheet-iron ware .....	11	54	43,800	20,826	30,600	69,100
Woolen goods .....	3	50	82,392	13,409	38,254	59,310
TRUMBULL.						
Bagging .....	1	53	60,000	20,000	24,000	50,000
Boots and shoes .....	2	12	2,500	5,500	8,600	16,400
Boxes, cheese .....	6	16	4,100	1,540	4,194	10,580
Brick .....	3	21	6,000	4,275	3,150	11,800
Carriages and wagons .....	22	65	37,825	20,800	18,803	58,182
Cheese .....	20	96	53,200	15,578	258,371	301,038
Clothing, men's .....	4	23	1,950	5,700	6,900	15,800
Cooperage .....	11	37	10,450	10,760	7,863	27,744
Flax, dressed .....	5	87	58,100	31,311	36,908	78,950
Flouring-mill products .....	13	45	137,500	13,730	306,340	349,647
Furniture .....	7	34	30,440	11,652	6,640	30,632
Iron, forged and rolled .....	4	732	725,000	276,000	857,057	1,430,500
nails and spikes, cut, &c. ....	1	64	75,000	45,000	233,000	292,000
pigs .....	4	212	540,000	117,000	832,345	1,184,250
castings (not specified) .....	4	20	25,500	11,025	24,125	37,307
stoves, heaters, &c. ....	3	25	25,500	9,455	19,574	37,677



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital.	Wages.	Material.	Products.
TRUMBULL—Continued.						
Leather, tanned .....	6	11	\$18,200	\$2,553	\$25,294	\$36,019
curried .....	4	6	5,100	2,237	27,849	35,095
Liquors, malt .....	3	8	28,500	3,132	16,774	30,664
Lumber, planed .....	8	64	66,300	23,210	95,505	136,900
sawed .....	30	136	103,700	31,871	82,923	151,560
Machinery, (not specified) .....	1	6	15,000	4,000	12,787	18,000
engines and boilers .....	3	30	28,800	17,115	21,850	40,560
Oil, vegetable, linseed .....	1	15	35,000	7,424	152,950	195,500
Saddlery and harness .....	16	29	7,415	4,540	11,049	26,492
Tin, copper, and sheet-iron ware .....	10	18	12,418	3,686	11,869	23,197
Woolen goods .....	3	14	20,000	2,229	12,340	19,604
TUSCARAWAS.						
Agricultural implements .....	3	71	106,000	40,893	57,437	120,175
Brick .....	3	29	11,800	5,900	8,095	25,100
Bridge-building .....	1	8	1,500	6,000	5,000	12,000
Carriages and wagons .....	24	52	25,050	12,028	14,051	45,196
Clothing, men's .....	13	42	23,550	14,770	21,650	49,792
Coke .....	1	8	15,000	3,500	15,300	18,800
Flouring-mill products .....	16	43	192,400	11,175	324,300	385,611
Furniture .....	10	20	5,550	2,085	3,234	11,462
Iron, pigs .....	1	40	250,000	30,000	112,877	189,800
castings .....	4	28	64,000	15,527	20,064	44,048
Leather, tanned .....	16	30	35,150	5,655	45,728	61,800
curried .....	13	20	22,550	3,405	39,567	50,473
Liquors, distilled .....	1	3	1,500	600	3,713	10,500
malt .....	5	7	20,500	3,880	11,274	32,840
Lumber, planed .....	3	34	34,000	17,600	15,870	43,950
sawed .....	8	38	16,900	7,670	53,950	66,500
Machinery, railroad-repairing .....	1	174	198,000	111,756	140,500	252,256
Masonry, brick and stone .....	7	20	2,410	2,350	4,565	13,330
Paper .....	1	14	12,000	5,000	5,800	18,250
Saddlery and harness .....	13	27	12,025	4,100	15,471	30,670
Salt .....	3	29	49,000	6,600	34,620	81,000
Tin, copper, and sheet-iron ware .....	13	22	20,600	3,425	10,021	23,333
Woolen goods .....	5	47	50,500	11,589	30,337	47,222
UNION.						
Ashes, pot and pearl .....	3	10	8,500	2,450	19,775	27,000
Carriages and wagons .....	11	32	18,500	9,115	8,485	28,490
Flouring-mill products .....	5	14	29,300	3,614	73,790	90,991
Liquors, distilled .....	1	6	10,000	3,600	22,555	39,000
Lumber, planed .....	2	8	8,000	1,650	6,000	11,000
sawed .....	14	62	32,600	14,710	36,063	69,750
Masonry, brick and stone .....	2	5	1,100	800	35,000	40,000
Saddlery and harness .....	8	14	8,400	2,950	6,675	16,815
Woolen goods .....	1	20	30,000	6,956	15,500	31,050



*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
VAN WERT.						
Flouring-mill products.....	2	10	\$32,000	\$4,930	\$150,400	\$168,300
Iron, castings.....	1	8	10,000	4,600	4,817	17,110
Leather, tanned.....	3	4	6,800	1,250	13,635	18,747
curried.....	3	6	6,700	2,750	19,527	23,645
Lumber, sawed.....	18	209	129,700	57,468	128,808	240,715
Machinery, engines, and boilers.....	1	12	12,000	6,900	14,000	34,000
Wood, turned and carved.....	1	2	4,000	750	6,000	22,500
Woolen goods.....	2	17	25,500	3,693	25,075	35,940
VINTON.						
Charecoal.....	1	100	25,000	30,000	6,000	36,000
Flouring-mill products.....	0	15	34,000	2,625	88,534	96,862
Lead, pig.....	1	343	475,000	100,498	284,552	450,100
Leather, tanned.....	4	9	10,000	2,303	21,472	26,015
curried.....	4	0	6,675	1,200	28,048	30,790
Lumber, sawed.....	4	15	6,500	2,357	10,670	18,455
WARREN.						
Brick.....	4	13	10,600	2,170	2,425	11,500
Carriages and wagons.....	9	46	19,600	15,170	9,303	33,100
Clothing, men's.....	0	20	12,900	6,050	17,900	33,825
Cooperage.....	3	11	2,150	3,194	5,694	12,493
Flouring-mill products.....	9	33	134,400	9,030	274,240	320,878
Liquors, malt.....	2	9	26,500	5,050	9,760	28,545
Lumber, sawed.....	5	21	19,000	3,000	9,200	24,526
Malt.....	2	15	140,000	5,500	91,300	105,000
Marble-work, monuments.....	2	16	9,500	8,635	12,390	23,500
Saddlery and harness.....	11	34	22,300	9,008	14,600	30,915
Tin, copper, and sheet-iron ware.....	9	33	11,100	6,800	11,150	36,175
WASHINGTON.						
Boats.....	2	15	8,400	6,240	3,000	16,700
Boots and shoes.....	4	30	35,200	10,500	24,562	46,743
Clothing, men's.....	3	9	3,050	1,200	8,500	13,400
Coal-oil, rectified.....	1	11	30,000	5,000	122,868	168,008
Cooperage.....	32	63	12,225	14,815	19,018	57,487
Flouring-mill products.....	10	33	121,000	12,300	359,770	435,760
Furniture.....	5	125	48,475	41,200	29,730	76,000
Gas.....	1	5	20,000	2,100	14,225	19,870
Grindstones.....	5	45	7,500	6,900	1,213	20,200
Hubs and wagon material.....	1	24	60,000	16,875	15,674	40,000
Iron, forged and rolled.....	1	220	30,000	168,000	453,840	704,130
castings, stoves, &c.....	3	62	62,500	35,600	33,680	83,380
Leather, tanned.....	6	16	27,200	4,933	44,578	62,191
curried.....	6	16	15,800	4,732	63,741	80,575
Lumber, planed.....	1	6	6,000	400	26,000	36,400
sawed.....	8	30	34,300	5,825	31,575	67,820
Printing, newspaper.....	2	10	16,000	3,800	3,175	15,000
Sash, doors, and blinds.....	1	18	10,000	4,000	9,000	18,000
Tin, copper, and sheet-iron ware.....	7	18	18,000	6,300	9,564	27,450
Woolen goods.....	4	47	86,000	13,800	51,675	89,150

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Establish- ments.	Hands em- ployed.	Capital.	Wages.	Materials.	Products.
WAYNE.						
Agricultural implements .....	3	240	\$251,000	\$120,300	\$179,945	\$517,450
Brick and drain-tile .....	6	40	7,400	4,800	3,135	15,750
Carriages and wagons .....	26	93	43,850	23,290	22,608	78,747
Clothing, men's .....	11	68	49,400	10,100	60,700	90,800
"    women's .....	6	23	5,550	1,175	5,800	10,225
Cooperage .....	13	24	8,200	2,550	3,380	12,930
Flax, dressed .....	2	41	55,000	22,000	14,900	51,000
Flouring-mill products .....	9	23	67,000	4,100	178,288	221,677
Furniture, cabinet .....	17	68	54,800	17,368	13,988	56,601
Gas .....	1	4	30,000	3,100	2,800	13,428
Iron, castings .....	4	36	67,000	14,700	24,515	61,400
Leather, tanned .....	13	19	30,468	2,940	31,033	40,992
"    curried .....	12	13	14,032	2,250	38,748	48,209
Liquors, malt .....	2	8	4,000	1,400	6,760	16,476
Lumber, planed .....	2	25	38,000	10,400	38,000	100,000
"    sawed .....	16	51	44,075	11,040	63,808	111,523
Machinery, (not specified) .....	1	10	5,000	2,600	8,750	13,000
"    engines and boilers .....	1	17	10,000	6,000	13,270	25,000
Marble work, tombstones .....	1	14	8,000	4,500	3,400	13,000
Paper .....	1	27	42,000	10,360	19,850	73,000
Patent medicines .....	1	9	7,500	5,490	5,500	16,000
Printing, newspaper .....	2	17	15,000	4,100	5,238	12,935
Saddlery and harness .....	14	34	6,865	3,724	12,126	23,824
Sash, doors, and blinds .....	2	19	41,000	9,500	28,180	42,250
Tin, copper, and sheet-iron ware .....	9	36	16,800	7,300	22,871	52,318
Whips .....	1	33	12,000	8,000	12,056	38,000
Wire-work .....	2	12	3,300	3,500	4,515	10,033
Woolen goods .....	7	40	32,800	6,550	21,002	37,415
WILLIAMS.						
Agricultural implements .....	2	13	8,000	6,250	9,685	18,700
Boots and shoes .....	2	13	7,000	3,800	5,418	13,250
Carriages and wagons .....	10	27	8,000	3,250	4,272	19,439
Flouring-mill products .....	1	2	12,000	900	16,000	18,600
Furniture .....	7	29	14,400	5,950	2,545	12,181
Hubs and wagon material .....	1	18	30,000	8,200	8,542	21,300
Leather, tanned .....	5	10	10,600	3,030	13,297	18,680
"    curried .....	4	4	5,000	800	15,357	17,540
Liquors, malt .....	1	4	10,000	1,200	4,400	10,000
Lumber, sawed .....	17	84	56,100	15,300	78,041	138,665
Saddlery and harness .....	5	16	4,800	1,800	5,027	10,177
Sash, doors and blinds .....	1	12	8,000	2,400	7,400	11,350
Woolen goods .....	4	48	39,400	5,501	16,191	25,168
WOOD.						
Carriages and wagons .....	7	24	11,625	5,950	4,845	17,928
Flouring-mill products .....	5	24	66,000	7,500	221,800	262,880
Lumber, sawed .....	33	186	164,950	51,850	105,040	232,730
Sash, doors, and blinds .....	2	26	19,000	7,200	11,100	20,040
Wooden ware .....	5	26	24,000	4,200	5,300	17,300

*Manufacturing Industry of Ohio—Continued.*

COUNTIES.	Estab- lish- ments.	Hands employed.	Capital.	Wages.	Materials.	Products.
WYANDOT.						
Carriages and wagons.....	10	48	\$19,475	\$15,795	\$14,466	\$50,604
Clothing, men's.....	8	35	12,600	5,425	13,183	23,108
Flouring-mill products.....	2	5	50,000	1,800	62,750	70,542
Furniture.....	6	22	15,300	6,830	4,933	20,130
Iron castings.....	2	11	15,000	4,754	5,591	14,000
Lumber, sawed.....	16	62	37,900	9,171	34,019	86,014
Machinery.....	1	9	12,500	4,200	18,638	36,785
Sash, doors, and blinds.....	2	11	4,800	4,866	7,622	15,087
Tin, copper, and sheet-iron ware...	4	12	11,600	2,660	5,724	10,300
Woolen goods.....	3	15	15,000	1,750	7,711	11,907

NOTE.—The foregoing tables are to be published by the Census Bureau under the title, "Selected Statistics of Manufacture." They include all statistics collected by the Deputy Census Marshals that could be classified. There is doubtless a considerable amount of miscellaneous manufacture, conducted on a small scale, that is not included in these tables, and a larger amount that the Census Marshals have failed to report. By an examination of these tables I find many instances where important manufacturing establishments are not reported; still the list is much more complete than any heretofore printed.

## AGGREGATE OF MANUFACTURES.

The aggregate for the State of "Selected Statistics of Manufacture," as ascertained by computations made in this office on the foregoing tables, is as follows :

Number of manufacturing establishments .....	11 050
Number of hands employed.....	101,605
Amount of capital invested .....	\$126,672,640
Total value of products .....	\$228,568,812

The aggregate for the entire manufacturing industry of Ohio, as ascertained from Col. Harrington,\* Acting Superintendent of the Census, Washington, is as follows :

Total number of manufacturing establishments .....	22,773
Total number of hands employed.....	137,200
(Besides steam engines equal to 174,300 horse power.)	
Total amount of capital employed .....	\$141,924,000
Total amount of wages paid .....	49,066,500
Total value of material used .....	157,131,700
Total value of products .....	269,714,000

From a careful examination of the tables of selected statistics published on the preceding pages, I am satisfied there are many important omissions in every class of manufacture. This fact is recognized by the Census Bureau in Washington. The total value of manufactured products in Ohio is doubtless \$300 millions yearly. This is almost three times the value of the entire grain crop of the State.† When this fact is realized the value of our manufacturing industries is better appreciated.

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\* These statistics I obtained by telegraph from Col. Harrington, just before the final completion of this report, on the 14th of January, 1873. The tables exhibiting the total by counties of the manufacturing industry of Ohio are not yet completed by the Census Bureau.

† The Hon. Frederick Watts, National Commissioner of Agriculture, estimates the grain crop of Ohio for 1871 as follows :

Indian corn.....	\$40,277,700
Wheat .....	23,404,500
Rye .....	339,570
Oats .....	8,746,500
Barley .....	1,178,820
Buckwheat .....	233,280
Potatoes .....	5,426,190
Tobacco.....	1,939,361
Hay .....	20,604,300
Total.....	\$102,150,161

## STATISTICS OF SPECIAL MANUFACTURE.

Following will be found nine tables of manufacturing statistics which were consolidated and tabulated in this office :

1. Table exhibiting by counties the aggregate of "selected statistics of manufacture," as published on pages from 374 to 410, inclusive.
2. Table exhibiting the Flouring Mills in the State by counties, with the number of hands employed, capital invested, etc.
3. Table exhibiting by counties the manufacture of Agricultural Implements.
4. Table by counties of the manufacture of Carriages and Buggies.
5. Table by counties of the manufacture of Furniture.
6. Table exhibiting the manufacture of Boots and Shoes by counties.
7. Table exhibiting the Iron Foundries in Ohio by counties, with number of hands employed, capital invested, etc.
8. Statistics of Pig Iron Furnaces in Ohio.
9. Table of six Prominent Manufacturing Industries of Ohio, including Iron in all its branches.

I print a condensed table of the iron industry of Ohio, as ascertained by the census, on page 225 of this report.



*Table exhibiting the aggregate of Selected Statistics of Manufacturies by Counties.*

COUNTIES.	Establishments.	Hands employed.	Capital invested.	Value of products.
Adams .....	31	98	\$175,111	\$417,677
Allen .....	129	618	445,916	813,534
Ashland .....	105	363	355,211	812,081
Ashtabula .....	191	615	571,500	1,340,251
Athens .....	32	163	302,600	402,368
Anglaize .....	48	325	134,050	656,919
Belmont .....	121	1,071	750,000	1,729,857
Brown .....	77	389	123,300	616,319
Butler .....	238	1,932	2,526,013	5,444,974
Carroll .....	21	40	60,305	73,778
Champaign .....	112	479	562,125	1,079,867
Clarke .....	131	1,801	2,022,019	3,888,536
Clermont .....	121	716	223,430	755,806
Clinton .....	58	188	112,350	414,325
Columbiana .....	205	1,446	1,640,625	2,221,450
Coshocton .....	43	183	136,565	433,729
Crawford .....	155	1,011	994,034	1,095,370
Cuyahoga .....	813	9,096	13,194,885	21,680,812
Darke .....	127	442	319,614	714,875
Defiance .....	46	353	373,770	790,314
Delaware .....	126	698	619,695	981,326
Erie .....	301	2,092	2,390,480	3,877,983
Fairfield .....	115	649	472,890	980,016
Fayette .....	43	197	107,350	345,171
Franklin .....	306	4,099	3,249,330	6,463,120
Fulton .....	55	182	171,150	444,620
Gallia .....	39	474	501,886	790,659
Geauga .....	60	209	135,150	706,167
Greene .....	130	711	650,874	1,669,460
Guernsey .....	67	175	152,550	306,135
Hamilton .....	1,488	30,632	41,758,166	67,722,817
Hancock .....	86	374	289,140	804,067
Hardin .....	72	381	244,700	695,701
Harrison .....	38	126	105,450	189,820
Henry .....	36	249	150,370	354,784
Highland .....	72	316	388,850	747,861
Hocking .....	22	114	155,200	228,480
Holmes .....	20	98	145,125	205,976
Huron .....	100	539	814,733	1,546,784
Jackson .....	30	1,404	1,342,900	1,498,428
Jefferson .....	111	1,370	2,334,150	3,710,542
Knox .....	113	692	630,400	1,653,971
Lake .....	88	390	476,075	989,250
Lawrence .....	70	2,519	2,413,470	3,872,998
Licking .....	124	696	705,025	1,236,198
Logan .....	119	377	336,940	722,900
Lorain .....	161	839	560,626	1,306,694
Lucas .....	122	1,951	3,105,975	5,607,219
Madison .....	34	151	109,866	241,280
Mahoning .....	136	1,675	3,222,075	6,864,898
Marion .....	75	243	205,205	456,928
Medina .....	72	236	253,836	441,364
Meigs .....	98	1,177	1,459,202	1,658,196

*Table exhibiting the aggregate of Selected Statistics, etc.—Continued.*

COUNTIES.	Establishments.	Hands employed.	Capital invested.	Value of products.
Mercer .....	26	109	\$59,705	\$155,442
Miami .....	185	1,023	1,347,499	2,727,122
Monroe .....	76	201	115,200	312,704
Montgomery .....	371	4,163	6,054,265	10,383,088
Morgan .....	71	324	346,625	632,160
Morrow .....	43	170	163,875	216,417
Muskingum .....	215	1,796	1,784,155	3,260,788
Noble .....	26	68	40,440	142,424
Ottawa .....	35	312	243,584	437,232
Paulding .....	15	181	245,500	207,050
Perry .....	57	163	72,190	190,713
Pickaway .....	25	161	208,975	453,923
Pike .....	34	156	176,929	327,335
Portage .....	118	976	632,000	1,587,336
Preble .....	98	374	336,690	653,947
Putnam .....	29	92	95,450	220,807
Richland .....	210	1,175	1,621,460	2,595,879
Ross .....	130	1,168	1,023,944	2,261,093
Sandusky .....	129	631	618,697	1,278,187
Scioto .....	104	1,581	1,531,625	3,289,294
Seneca .....	124	823	820,020	1,246,649
Shelby .....	60	265	255,710	523,106
Stark .....	286	3,198	5,505,185	8,017,479
Summit .....	274	2,622	3,726,082	7,134,312
Trumbull .....	195	1,879	2,136,498	4,646,148
Tuscarawas .....	163	806	1,169,985	1,664,108
Union .....	47	171	146,400	354,096
Van Wert .....	31	268	226,700	560,957
Vinton .....	20	488	557,175	658,222
Warren .....	62	251	408,050	660,457
Washington .....	103	806	651,650	2,078,564
Wayne .....	189	1,044	970,040	1,803,983
Williams .....	60	280	213,300	335,050
Wood .....	52	226	285,575	550,878
Wyandot .....	54	230	194,175	338,477
Totals .....	11,050	101,605	\$128,672,640	\$228,568,812

*Table Exhibiting the Flouring Mills of the State, with the Number of Hands Employed, Capital Invested, etc., as ascertained by the Census of 1870.*

COUNTIES.	Number of establishments.	Number of hands employed.	Capital employed.	Wages paid.	Value of materials used.	Value of products.
Adams .....	16	39	\$90,750	\$5,375	\$256,917	\$330,320
Allen .....	9	24	67,000	4,685	111,247	126,193
Ashland .....	11	36	114,200	11,902	228,373	290,190
Ashtabula .....	13	36	139,500	9,800	330,490	382,825
Athens .....	6	24	48,000	7,600	152,425	200,973
Auglaize .....	6	23	64,000	7,695	199,489	248,448
Belmont .....	15	45	102,700	10,420	227,632	274,183
Brown .....	4	13	33,500	2,117	56,446	66,781
Butler .....	14	56	270,000	23,630	800,162	912,389
Carroll .....	3	6	28,900	1,200	19,380	26,950
Champaign .....	20	54	144,900	15,974	324,620	395,487
Clarke .....	16	48	228,100	16,150	379,402	460,726
Clermont .....	8	30	27,000	3,750	114,525	154,155
Clinton .....	15	38	54,900	7,963	141,285	294,015
Columbiana .....	8	27	81,000	10,260	163,615	204,747
Coshocton .....	7	32	58,000	11,240	232,925	258,919
Crawford .....	4	16	11,029	3,100	32,525	36,525
Cuyahoga .....	13	84	744,500	44,387	1,647,015	1,903,155
Darke .....	9	29	77,077	8,380	131,095	162,886
Defiance .....	5	16	95,500	5,400	289,850	333,615
Delaware .....	8	26	79,200	9,040	212,055	248,972
Erie .....	6	33	285,000	13,812	365,700	412,375
Fairfield .....	13	41	145,500	8,360	221,039	300,028
Fayette .....	2	6	11,000	800	32,551	39,250
Franklin .....	6	22	65,500	7,200	120,635	144,371
Fulton .....	7	26	56,400	8,075	170,055	201,360
Gallia .....	5	49	112,000	10,233	357,926	389,635
Geauga .....	4	6	18,500	150	54,060	60,858
Greene .....	11	41	98,300	12,163	337,762	398,735
Guernsey .....	6	19	53,500	3,337	105,200	129,946
Hamilton .....	26	117	344,650	49,274	830,699	1,024,671
Hancock .....	12	46	70,200	8,826	283,654	332,260
Hardin .....	4	17	33,900	5,575	128,205	151,578
Henry .....	2	7	9,500	1,525	108,000	125,000
Highland .....	12	32	57,000	5,230	163,717	195,216
Hocking .....	3	10	34,000	4,800	25,300	35,565
Holmes .....	11	19	63,400	3,088	88,038	105,815
Huron .....	7	33	87,400	8,750	351,981	421,627
Jackson .....	5	15	30,100	3,628	71,322	81,492
Jefferson .....	5	15	37,500	5,300	67,620	86,335
Knox .....	8	24	88,600	3,400	115,475	159,400
Lake .....	7	25	89,500	7,750	220,450	263,829
Lawrence .....	4	13	15,500	2,005	68,667	85,537
Licking .....	3	9	39,000	3,550	88,950	99,630
Logan .....	12	34	114,750	8,870	281,058	331,600
Lorain .....	5	18	48,500	5,336	146,420	164,759
Lucas .....	6	53	240,000	32,400	1,252,300	1,419,665
Madison .....	1	2	4,500	600	11,400	14,090
Mahoning .....	5	25	130,500	9,825	201,720	242,435
Marion .....	3	7	17,000	1,444	49,814	61,886
Medina .....	2	3	8,000	400	16,425	22,925

*Table Exhibiting the Flouring Mills of the State—Continued.*

COUNTIES.	Number of establishments.	Number of hands employed.	Capital employed.	Wages paid.	Value of materials used.	Value of products.
Meigs .....	2	31	\$103,000	\$3,764	\$153,800	\$177,365
Mercer .....	1	2	8,000	800	17,550	21,210
Miami .....	18	55	181,491	14,944	433,461	525,277
Monroe .....	7	24	37,500	3,470	66,925	85,335
Montgomery .....	25	100	357,900	37,981	1,234,983	1,428,454
Morgan .....	11	27	127,100	7,715	197,246	239,159
Morrow .....	3	6	27,000	1,350	20,777	24,065
Muskingum .....	13	48	154,400	18,580	384,977	477,806
Noble .....	4	12	13,200	1,750	43,659	64,684
Ottawa .....	2	12	30,000	3,000	54,220	72,238
Perry .....	3	11	17,000	2,700	48,345	59,442
Pickaway .....	7	17	48,350	3,175	94,654	110,569
Pike .....	5	18	36,000	2,775	91,816	105,349
Portage .....	3	11	26,000	3,912	45,914	52,173
Preble .....	10	30	123,100	8,240	274,930	331,115
Putnam .....	6	20	34,700	5,600	94,193	115,662
Richland .....	22	*	188,600	8,850	410,525	498,077
Ross .....	10	57	145,500	20,145	629,127	825,963
Sandusky .....	6	21	130,000	7,209	279,497	336,102
Scioto .....	2	7	151,000	3,016	188,250	222,240
Seneca .....	3	24	96,000	6,506	209,940	235,903
Shelby .....	7	20	75,300	6,040	133,484	163,057
Stark .....	19	75	285,000	18,416	485,888	596,787
Summit .....	10	73	260,800	37,280	828,960	971,502
Trumbull .....	13	45	137,500	13,730	36,340	349,647
Tuscarawas .....	16	43	192,400	11,175	324,300	385,611
Union .....	5	14	29,300	3,614	73,790	90,991
Van Wert .....	2	10	32,000	4,930	150,400	168,360
Vinton .....	6	15	34,000	2,625	88,534	96,862
Warren .....	9	33	134,400	9,030	274,240	320,878
Washington .....	10	33	121,000	12,300	359,770	435,760
Wayne .....	9	23	67,000	4,100	178,388	221,677
Williams† .....	1	2	12,000	900	16,000	18,600
Wood .....	5	24	66,000	7,500	221,800	262,880
Wyandot .....	2	5	50,000	1,800	62,750	70,542
Totals .....	699	2,417	\$3,509,797	\$759,888	\$20,876,979	\$24,965,609

NOTE.—No flouring mills are reported in either Harrison or Paulding counties.

\* Number not given.

† The estimate for this county is entirely too low.

‡ There were at least three flouring mills in this county in 1870.

*Table Exhibiting the Manufacture of Agricultural Implements in Ohio, by Counties, as ascertained by the Census of 1870.*

COUNTIES.	No. establishments.	No. of hands employed.	Capital employed.	Wages paid during the year.	Value of materials used.	Value of products.
Allen .....	2	9	\$7,000	\$4,300	\$4,300	\$13,580
Ashland .....	3	26	33,237	12,400	15,160	56,500
Ashtabula .....	6	41	41,500	19,160	20,604	69,849
Belmont .....	5	62	90,500	29,335	37,064	92,950
Brown .....	5	30	23,300	11,550	8,660	38,440
Butler .....	7	274	435,650	181,803	162,889	524,781
Champaign .....	1	12	15,000	7,500	14,750	26,250
Clarke .....	11	750	708,573	479,500	675,267	1,494,190
Columbiana .....	4	81	106,500	34,667	52,884	98,475
Crawford .....	4	71	76,000	20,900	73,238	143,740
Cuyahoga .....	3	115	259,000	66,500	54,900	145,500
Delaware .....	3	15	20,000	5,800	10,370	26,050
Eric .....	1	14	25,000	6,000	23,090	32,000
Fairfield .....	4	54	36,150	25,920	20,330	59,170
Franklin .....	3	140	173,800	41,435	91,113	213,043
Greene .....	2	20	3,100	3,000	4,700	10,400
Hamilton .....	6	82	101,300	46,190	77,189	168,625
Holmes .....	3	48	50,825	1,957	40,305	59,600
Huron .....	5	19	15,000	5,625	7,703	23,250
Lorain .....	4	30	11,200	4,720	11,459	21,925
Lucas .....	2	30	85,000	10,300	28,000	65,000
Marion .....	2	9	5,500	2,300	4,835	13,600
Medina .....	5	12	16,906	4,789	4,738	17,146
Miami .....	1	34	34,289	21,600	32,110	102,500
Montgomery .....	14	518	651,600	256,117	413,443	1,134,215
Morgan .....	2	22	51,000	5,450	12,080	39,950
Muskingum .....	5	7	10,300	2,600	3,798	8,650
Richland .....	5	426	553,000	240,182	431,600	918,740
Seneca .....	4	46	34,150	21,925	27,475	81,150
Shelby .....	2	12	17,000	5,070	8,300	15,750
Stark .....	22	1170	2,287,850	748,103	1,791,845	3,609,491
Summit .....	5	537	1,227,000	342,200	826,900	1,906,300
Tuscarawas .....	3	71	106,000	40,893	57,437	120,175
Wayne .....	3	240	251,000	120,300	179,945	517,450
Williams .....	2	13	8,000	6,250	9,685	18,700
Total .....	161	5040	7,571,230	2,836,347	5,238,166	11,887,135



*Table Exhibiting the Manufacture in Ohio of Carriages and Wagons as ascertained by the Census of 1870.*

COUNTIES.	No. of establishments.	No. of hands employed.	Capital employed.	Wages paid.	Value of materials used.	Value of products.
Allen .....	15	63	\$21,450	\$13,990	\$10,080	\$36,758
Ashland .....	12	42	27,000	13,560	17,208	50,645
Ashtabula .....	12	25	11,300	5,250	5,705	23,450
Auglaize .....	7	40	17,050	15,198	4,108	29,017
Brown .....	9	18	5,800	4,650	5,438	14,360
Butler .....	26	111	49,910	25,728	25,049	83,748
Champaign .....	15	76	51,600	26,230	39,942	95,100
Clarke .....	18	109	89,500	38,900	30,541	113,344
Clermont .....	25	54	19,585	8,607	9,487	34,920
Clinton .....	14	29	10,100	4,861	7,204	25,160
Columbiana .....	20	59	22,500	11,900	11,942	43,535
Coshocton .....	7	26	12,800	7,850	14,060	35,840
Crawford .....	8	31	10,829	7,815	5,037	24,515
Cuyahoga .....	47	226	162,200	97,102	90,151	264,296
Darke .....	24	48	16,265	5,204	6,482	29,963
Delaware .....	20	62	48,370	15,771	23,226	61,775
Erie .....	9	34	34,900	14,722	8,137	31,175
Fairfield .....	12	70	24,850	24,250	25,130	81,665
Fayette .....	7	27	10,000	14,220	10,000	33,675
Franklin .....	32	147	102,535	64,176	53,527	164,700
Fulton .....	9	22	12,750	5,650	7,061	20,245
Geauga .....	12	19	6,050	1,350	3,875	11,550
Greene .....	21	77	41,810	20,095	24,841	65,740
Guernsey .....	13	35	12,900	6,530	7,227	29,635
Hamilton .....	85	958	647,387	414,850	310,415	1,117,615
Hancock .....	10	43	11,750	11,158	12,894	41,069
Hardin .....	6	31	12,300	6,100	8,740	21,800
Harrison .....	7	16	5,700	1,650	2,750	11,000
Henry .....	4	20	3,750	4,048	4,256	20,184
Highland .....	16	75	46,475	20,483	22,336	81,285
Huron .....	12	36	10,300	7,450	7,418	22,060
Jefferson .....	15	48	17,600	8,685	8,975	30,750
Knox .....	24	74	32,500	14,815	30,455	63,220
Lake .....	15	58	68,150	24,410	13,244	59,470
Licking .....	26	71	45,525	17,050	19,362	59,781
Logan .....	21	64	27,950	12,000	19,375	63,918
Lorain .....	16	91	49,336	35,544	26,604	85,256
Lucas .....	12	44	18,400	18,930	19,880	54,795
Madison .....	10	30	11,560	9,090	8,250	25,629
Mahoning .....	24	92	39,825	33,102	27,121	88,912
Marion .....	15	39	23,730	13,049	12,907	43,406
Medina .....	9	39	72,575	10,030	9,426	30,745
Meigs .....	8	20	9,200	2,700	4,767	20,245
Miami .....	18	78	59,241	32,507	18,085	81,906
Montgomery .....	34	224	191,290	80,740	58,301	238,752
Morgan .....	7	19	4,900	2,750	4,324	11,230
Morrow .....	7	36	24,675	14,106	12,714	41,500
Muskingum .....	19	61	16,930	18,445	19,380	52,920
Ottawa .....	4	23	15,000	7,500	7,100	22,100
Perry .....	6	17	3,625	2,260	3,923	10,200

*Table Exhibiting the Manufacture in Ohio of Carriages, etc.—Continued.*

COUNTIES.	No. of establishments.	No. of hands employed.	Capital employed.	Wages paid.	Value of materials used.	Value of products.
Pickaway .....	4	38	\$26,900	\$17,000	\$21,630	\$53,700
Portage .....	15	103	102,000	42,000	52,011	149,552
Preble .....	20	52	18,880	11,790	12,527	42,560
Putnam .....	8	14	4,050	2,890	4,686	12,985
Richland .....	24	69	36,875	21,329	24,532	65,507
Ross .....	23	68	26,650	17,805	18,385	61,123
Sandusky .....	11	56	31,450	22,781	15,460	58,090
Scioto .....	8	28	20,700	9,555	8,517	27,692
Seneca .....	12	83	47,000	29,075	14,889	72,195
Shelby .....	14	36	11,360	7,973	6,304	25,186
Stark .....	22	117	50,250	36,783	46,042	121,025
Summit .....	23	119	80,270	48,620	51,590	131,825
Trumbull .....	22	65	37,825	20,800	18,803	58,182
Tuscarawas .....	24	52	25,050	12,028	14,051	45,196
Union .....	11	32	18,500	9,115	8,485	28,490
Warren .....	9	46	19,600	15,170	9,303	33,100
Wayne .....	26	93	43,850	23,290	22,608	78,747
Williams .....	10	27	8,000	3,250	4,272	19,439
Wood .....	7	24	11,625	5,950	4,845	17,928
Wyandot .....	10	48	19,475	15,795	14,466	50,604
Total .....	1,127	4,933	\$2,931,978	\$1,651,060	\$1,511,682	\$4,957,685

NOTE.—Eleven counties, viz : Gallia, Hocking, Holmes, Jackson, Lawrence, Mercer, Monroe, Noble, Pike, Vinton and Washington are not reported, Washington county has several carriage and buggy manufactories, and there is probably no county in the State that is not engaged to some extent in this class of manufacture.

*Table Exhibiting the Manufacture of Furniture in Ohio, by Counties, as ascertained by the Census of 1870.*

COUNTIES.	No. of establishments.	No. of hands employed	Capital employed.	Wages paid.	Value of materials used.	Value of products.
Allen.....	9	42	\$22,325	\$13,720	\$11,703	\$33,480
Ashland.....	8	23	16,550	5,110	4,761	18,277
Ashtabula.....	6	10	8,450	2,000	1,995	10,105
Brown.....	2	13	15,500	3,000	5,140	16,528
Butler.....	6	22	11,800	4,236	4,331	16,935
Champaign.....	5	18	24,500	4,850	5,265	14,716
Clarke.....	1	65	100,000	32,000	30,000	90,000
Clermont.....	13	36	10,400	6,400	6,505	21,660
Clinton.....	11	347	26,900	53,404	25,944	96,450
Columbiana.....	8	21	11,600	2,750	4,610	15,083
Crawford.....	15	40	13,800	7,675	9,726	25,980
Cuyahoga.....	25	203	194,400	105,624	127,022	376,475
"    (chairs).....	4	98	97,000	45,500	50,100	129,500
Darke.....	6	19	11,060	5,450	11,085	21,376
Defiance.....	3	13	9,500	3,400	1,854	11,030
Delaware.....	6	16	6,425	3,800	2,242	10,221
Erie.....	7	23	34,350	14,375	11,900	39,420
Fairfield.....	3	13	16,950	3,800	2,125	10,454
Franklin.....	9	322	225,900	129,498	90,004	306,050
"    (chairs).....	2	88	30,000	17,300	25,500	52,500
Gallia.....	1	43	40,000	11,000	10,400	25,500
Greene.....	6	17	7,800	3,320	3,050	11,300
Hamilton.....	80	2,742	3,346,215	1,373,064	1,032,668	3,584,782
"    (chairs).....	20	475	248,300	164,622	196,167	432,953
Hancock.....	8	24	13,000	4,750	6,942	20,662
Hardin.....	5	16	12,000	4,965	3,262	11,100
Hoeking.....	3	17	21,300	9,000	3,300	19,275
Holmes.....	1	6	15,000	2,600	10,600	16,800
Jefferson.....	5	18	8,600	2,700	4,340	14,265
Knox.....	8	42	17,900	12,920	20,000	46,350
Lake.....	6	17	30,100	6,300	25,075	44,420
Logan.....	11	31	16,750	6,150	6,120	19,342
Lorain.....	10	31	27,400	7,549	9,340	25,100
"    (chairs).....	1	30	12,000	13,000	8,650	25,000
Lucas.....	3	36	16,300	18,000	4,350	31,200
"    (chairs).....	3	170	165,000	69,000	93,400	205,000
Mahoning.....	3	12	11,500	3,890	2,884	11,200
Marion.....	3	9	10,500	3,602	3,400	11,445
Meigs.....	6	18	11,550	5,040	6,490	23,206
Miami.....	10	65	51,100	20,810	20,060	79,795
Monroe.....	7	14	4,650	1,000	10,135	17,225
Montgomery.....	6	34	27,800	12,775	13,830	35,590
"    (chairs).....	2	39	26,000	16,600	16,050	39,000
Morrow.....	2	7	9,700	4,400	2,350	12,200
Muskingum.....	4	28	22,000	10,048	9,425	30,460
Portage.....	3	31	14,500	10,600	5,145	19,000
Richland.....	12	32	53,200	12,890	17,290	44,000
Sandusky.....	6	35	6,950	15,187	8,800	46,087
Scioto.....	7	42	23,100	21,955	12,393	47,500
Seneca.....	8	27	12,630	6,700	4,126	15,047
Stark.....	12	76	74,200	22,285	14,332	68,609
Summit.....	8	17	17,100	5,890	7,537	19,675

*Table Exhibiting the Manufacture of Furniture in Ohio—Continued.*

COUNTIES.	No. of establishments.	No. of hands employed	Capital employed.	Wages paid.	Value of materials used.	Value of products.
Trumbull.....	2	34	\$30,440	\$11,652	\$6,640	\$30,632
Tuscarawas.....	10	20	5,550	2,025	3,234	11,462
Washington.....	5	128	48,475	41,200	29,730	76,000
Wayne.....	17	68	54,800	17,368	13,988	56,601
Williams.....	7	29	14,400	5,950	2,545	12,181
Wyandot.....	6	22	15,300	6,830	4,933	20,130
Totals.....	471	5,934	\$5,430,520	\$2,431,599	\$2,084,793	\$6,576,464

NOTE.—Thirty-six counties are not reported as engaged in the manufacture of furniture by the census.

*Table exhibiting the Manufacture of Boots and Shoes in Ohio by Counties, as ascertained by the Census of 1870.*

COUNTIES.	Number of establishments.	Number of hands employed.	Capital employed.	Wages paid.	Value of material used.	Value of products.
Athens .....	2	7	\$4,500	\$4,000	\$6,440	\$13,000
Butler .....	4	46	26,000	20,900	24,704	60,700
Clarke .....	4	30	5,000	16,546	11,890	37,438
Columbiana .....	2	16	7,000	5,000	4,470	11,800
Cuyahoga .....	9	123	67,200	69,372	58,157	202,292
Delaware .....	4	22	8,000	10,500	9,986	35,675
Erie .....	3	13	8,000	8,600	10,445	28,300
Fayette .....	2	13	13,000	4,573	8,490	22,594
Franklin .....	2	153	35,000	82,250	176,297	274,800
Hamilton .....	48	1,042	352,900	487,983	667,757	1,444,340
Hancock .....	2	13	6,250	4,600	8,154	13,360
Hardin .....	3	15	12,500	3,400	12,057	23,900
Huron .....	2	10	3,500	4,600	7,800	17,600
Jefferson .....	2	18	3,000	6,600	4,788	15,100
Lake .....	2	7	3,000	1,900	5,090	10,850
Lorain .....	2	10	800	3,900	3,930	12,100
Madison .....	2	12	2,200	3,276	3,957	12,895
Marion .....	3	13	2,925	5,200	9,128	20,618
Miami .....	9	57	30,000	23,400	24,835	65,114
Montgomery .....	3	14	11,000	6,400	9,025	21,800
Muskingum .....	2	13	7,000	4,712	4,194	12,768
Portage .....	2	14	10,500	5,172	7,800	14,250
Richland .....	4	15	8,500	7,945	13,000	25,700
Scioto .....	3	87	30,500	57,980	64,800	132,500
Seneca .....	2	15	13,000	4,400	4,592	12,850
Stark .....	4	30	7,300	10,800	13,986	32,970
Summit .....	1	7	1,000	4,000	4,000	10,000
Trumbull .....	2	12	2,500	5,500	8,600	16,400
Washington .....	4	30	35,200	10,500	24,562	46,743
Williams .....	2	13	7,000	3,800	5,418	13,250
Total .....	136	1,870	\$724,275	\$837,809	\$1,218,392	\$2,664,707

NOTE.—Thirty-eight counties are not reported as engaged in the manufacture of boots and shoes; among others Lucas county.



*Statistics of Iron Foundries in Ohio for the year ending June 1, 1870.*

County where Located.	Articles manufac- tured.	Number of estab- lishments.	Number of hands employed.	Capital employed.	Wages paid during the year.	Value of materials used.	Value of products.
Allen .....	Castings...	2	10	\$9,000	\$5,540	\$7,895	\$18,400
Ashland .....	" .....	2	10	7,148	3,100	9,095	14,800
Belmont .....	" .....	6	83	76,200	35,500	43,150	103,300
Brown .....	" .....	1	10	15,000	3,480	4,560	10,240
Clarke .....	" .....	5	96	114,000	62,192	137,548	246,000
Columbiana .....	" .....	10	113	212,000	70,780	113,650	272,748
Crawford .....	" .....	3	22	43,000	8,150	20,125	42,800
Cuyahoga .....	" .....	16	476	1,163,000	312,950	714,443	1,367,000
Defiance .....	" .....	2	32	45,000	29,250	30,405	74,000
Delaware .....	" .....	2	8	16,500	3,073	8,203	13,700
Erie .....	" .....	2	34	45,000	7,200	27,060	69,000
Fairfield .....	" .....	4	17	20,500	6,940	9,449	21,865
Franklin .....	" .....	7	189	214,500	79,889	150,545	270,300
Gallia .....	" .....	2	19	27,000	5,100	8,840	21,576
Hamilton .....	" .....	2	1858	2,402,500	1,033,967	1,309,453	3,320,059
Hancock .....	" .....	2	23	9,000	4,097	4,826	12,070
Highland .....	" .....	1	3	6,000	1,225	6,552	12,000
Huron .....	" .....	5	23	38,500	12,650	20,583	56,790
Jefferson .....	" .....	2	30	60,000	18,400	35,100	61,400
Knox .....	" .....	4	92	103,000	50,550	120,635	253,610
Lake .....	" .....	4	40	51,400	20,425	22,723	51,642
Lawrence .....	" .....	3	137	170,000	93,475	81,063	246,600
Licking .....	" .....	6	122	155,700	54,835	185,230	298,845
Lorain .....	" .....	4	14	13,500	2,275	6,536	12,708
Lucas .....	" .....	4	59	130,000	29,400	51,255	92,730
Mahoning .....	" .....	4	52	88,500	39,092	75,702	131,450
Marion .....	" .....	1	5	8,875	1,900	6,490	13,900
Meigs .....	" .....	2	15	28,573	8,075	26,690	43,250
Miami .....	" .....	3	13	18,711	6,900	16,730	33,000
Montgomery .....	" .....	16	335	535,700	155,700	281,328	565,705
Morgan .....	" .....	1	16	10,000	8,000	10,276	18,700
Muskingum .....	" .....	7	112	136,000	60,434	89,251	183,150
Preble .....	" .....	1	10	10,000	4,000	4,300	10,625
Richland .....	" .....	8	91	190,000	47,580	111,782	217,935
Ross .....	" .....	2	18	110,000	11,250	31,265	43,025
Sandusky .....	" .....	4	13	20,200	4,540	12,850	28,270
Scioto .....	" .....	3	57	81,000	33,280	62,340	114,000
Seneca .....	" .....	6	77	151,000	28,900	63,256	136,370
Shelby .....	" .....	1	12	13,000	2,608	4,440	12,940
Stark .....	" .....	20	348	856,500	196,600	348,288	877,300
Summit .....	" .....	8	174	519,072	128,304	302,732	747,722
Trumbull .....	" .....	7	45	51,000	20,480	43,699	74,984
Tuscarawas .....	" .....	4	28	64,000	15,537	20,064	44,048
Van Wert .....	" .....	1	8	10,000	4,600	4,817	17,110
Washington .....	" .....	3	62	62,500	35,600	33,680	83,380
Wayne .....	" .....	4	36	67,000	14,700	24,515	61,400
Wyandot .....	" .....	2	11	15,000	4,754	5,591	14,000
Total .....	.....	235	5058	\$8,194,079	\$2,837,277	\$4,709,610	\$10,436,447

NOTE.—Forty-one counties are not reported, as containing iron foundries. Williams county, not reported, has an extensive foundry at Bryan. The Census Marshals, either through incompetency or neglect, have, in many instances, failed to report complete manufacturing statistics.

*Statistics of Iron Furnaces in Ohio for the year ending June 1st, 1870.*

County where Located.	Articles manufactured.	No. of establishments.	No. of hands employed.	Capital employed.	Wages paid during the year.	Value of materials used.	Value of products.
Columbiana.....	Pig iron	1	75	\$350,000	\$50,000	\$320,650	\$429,000
Cuyahoga.....	"	2	86	120,000	50,000	315,200	398,000
Gallia.....	"	1	150	128,776	29,065	46,010	84,200
Jackson.....	"	13	1,020	1,204,500	341,153	737,073	1,233,084
Jefferson.....	"	2	144	495,000	103,000	330,002	581,657
Lawrence.....	"	14	1,037	1,301,250	413,121	849,111	1,589,962
Lorain.....	"	1	20	40,000	9,000	31,415	62,000
Lucas.....	"	1	35	150,000	7,500	50,700	65,000
Mahoning.....	"	7	622	1,549,300	469,258	2,361,770	3,424,425
Muskingum.....	"	1	40	50,000	10,500	51,780	64,960
Paulding.....	"	2	83	190,000	30,000	120,430	171,000
Scioto.....	"	6	433	175,000	163,500	291,975	553,000
Stark.....	"	3	227	379,000	106,425	260,575	406,500
Trumbull.....	"	4	212	540,000	117,000	832,345	1,184,250
Tuscarawas.....	"	1	40	250,000	30,000	112,877	189,800
Vinton.....	"	1	343	475,000	100,498	284,552	450,100
Totals.....		60	4,567	\$7,397,826	\$2,030,020	\$6,998,905	\$10,886,938

*Table exhibiting the aggregate of Six Prominent Industries of Ohio, as ascertained by the Census of 1870.*

Industries.	No. of establishments.	No. of hands employed.	Capital employed.	Wages paid during the year.	Value of materials used.	Value of products.
Pig iron.....	60	4,567	\$7,397,826	\$2,030,020	\$6,998,905	\$10,886,938
Castings.....	235	5,058	8,194,079	2,837,277	4,709,610	10,436,447
Forged and rolled iron..	33	4,405	6,415,659	2,640,835	7,090,435	12,237,269
Nails and spikes, cut, &c	10	370	841,241	198,140	1,807,402	2,097,848
Bolts, nuts, &c.....	10	389	367,500	117,593	372,328	612,330
Iron railing.....	5	70	57,000	29,922	65,145	157,920
Iron pipe.....	2	32	47,500	10,500	84,749	169,000
Anchor and chains.....	1	101	25,000	50,000	24,200	90,000
Iron blooms.....	1	18	10,000	8,500	43,700	56,000
Agricultural implements	161	5,040	7,571,230	2,836,347	5,238,166	11,887,135
Carriages and wagons ..	1,127	4,933	2,931,978	1,651,060	1,511,682	4,957,685
Flouring mills.....	699	2,417	8,509,797	759,888	20,876,979	24,965,609
Furniture*.....	446	5,359	5,140,720	2,245,777	1,860,242	6,079,711
Boots and shoes.....	136	1,870	724,275	887,809	1,218,392	2,664,707
Totals.....	2,926	34,632	\$48,223,865	\$16,303,668	\$52,782,535	\$87,028,599

NOTE.—For the aggregate of the iron industry of Ohio, see page 225.

\* This does not include chairs, as in preceding table.

## CONCLUSION.

The State Printers, Messrs. Nevins & Myers, are entitled to great credit for their promptness and painstaking in printing this report. The first manuscript of the Secretary of State's report, proper, was placed in their hands December 10th, 1872, as soon as the returns of the Presidential Election could be tabulated; the last copy of the Statistical report on the 17th of January, 1873.

The present volume has involved a vast amount of tedious and critical labor, much more than any preceding; and I believe it to be the most complete exhibit of the Agricultural, Mineral and Manufacturing interests, and of the Wealth, Population, Social and Vital status of this great State.

The preparation yearly of a volume of this magnitude, imposes entirely too much labor upon the Secretary of State, and if the General Assembly propose to retain the department of Statistics in this office, a more generous appropriation should be made for clerk hire. The tabulation of Statistics is not a hap-hazard business. The Secretary should not be compelled, as now, to rely upon a stray clerk to assist in labor requiring so much intelligence, reliability and accuracy.

In closing this report and my official life at the Capital, I desire to express to the Members of the Sixtieth General Assembly my grateful appreciation of their general good feeling toward this office. I desire, also to thank the State officers and Attaches for their many acts of personal friendliness and official favor.

Trusting that my present Report may meet your approval,

I am, gentlemen of the Assembly.

Very respectfully yours,

ISAAC R. SHERWOOD,

COLUMBUS, O., Jan. 1873.



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